

CLIMATOLOGICAL DATA FOR JULY, 1912.

DISTRICT No. 6, MISSOURI VALLEY.

MONTROSE W. HAYES, District Editor.

GENERAL SUMMARY.

In the southeastern part of the district, or in the territory below a line drawn northeast and southwest through Sioux City, Iowa, comparatively warm and dry weather prevailed, but crops suffered very little on account of the lack of the seasonal amount of rain, for the showers that occurred were distributed uniformly through the month. To the northwest of this line the temperatures were lower and the precipitation heavier. In Montana the mean temperature for the month was the lowest July average in the last 18 years, and several stations in Montana, Wyoming, Colorado, and North Dakota had temperatures below the freezing point. Both the Dakotas had frost on the 15th. In North Dakota it was heavy and caused considerable damage to crops and garden vegetables, especially in the Missouri Valley; in South Dakota it was light and no extensive damage resulted. A noteworthy feature of the month was the large number of heavy local storms; even in the sections over which the precipitation was as a rule deficient there were some places of very small extent where excessive rains occurred. On the morning of the 14th there was a thunderstorm over the mouth of the Missouri River that gave 3.15 inches of rain in St. Louis in two hours; 2.95 inches of this amount fell in one hour, and it was the heaviest fall in that length of time ever recorded in St. Louis. This storm was phenomenally heavy in Alton, Ill., a description of which appears under District No. 5. In Iowa a miniature tornado is reported to have passed 4 miles north of Little Sioux, Harrison County, on the 9th, moving from the southwest; it blew a barn over and moved a dwelling and a schoolhouse from their foundations; beyond this there was little damage. In Kansas a hailstorm occurred on the afternoon of the 11th at the headwaters of Grasshopper Creek, in the northeastern part of the State; it covered a strip of country 10 miles long and 6 miles wide, in which all kinds of crops were damaged or destroyed; window glass was broken and chickens and small pigs were killed by the hailstones, some of which were nearly as large as hens' eggs. At Grant, Perkins County, southwestern Nebraska, a 24-hour rain of 4.83 inches fell on the 25th. There was some local damage by hail in South Dakota. Numerous heavy local rains occurred in the eastern portion of Montana; near Bainville, Valley County, one of them was especially heavy and resulted in the sudden filling of a small and normally dry valley to a depth of 10 feet or more, and to a width of a fourth of a mile. Buildings and crops of several homesteaders were damaged or destroyed. Heavy showers were also frequent in Wyoming and washed out some roads, bridges, and crops. Hailstorms occurred often; crops suffered from them, and it is reported that in one of them a child was killed in the northern part of the State. On the 14th an excessive rain in the Cherry Creek Basin, Colo., caused an overflow throughout the greater part of the course of the creek; much damage resulted to both public and private property.

TEMPERATURE.

In the region comprising eastern Nebraska, southwestern Iowa, most of Kansas and Missouri, the mean temperatures for the month were 1° to 3° above the normal. There were no prolonged periods of excessive heat, but there was a seasonable number of hot days well distributed through the month. In the Mountain States, the Dakotas, and western Nebraska, there were several days that were hot, but generally the temperatures were lower than they are in the average July, and the month may be placed in the list of unusually cool ones. Two waves of high atmospheric pressure moved across the district between the 14th and the 19th, and gave the coolest weather of the month, except in the Mountain States, where there was no well-defined period of low temperatures. In the lower part of the district the 14th was quite warm, and cool weather immediately following it gave marked temperature ranges, amounting to as much as 50° in 24 hours in a few localities.

PRECIPITATION.

Over a narrow strip of country at the mouth of the Missouri River the excessive rain of the 14th raised the total precipitation for the month considerably above the July normal. At a few places on the upper Gasconade watershed, and in some of the territory drained by the streams entering the Osage River from the south, there was an excess in precipitation. In the remainder of Missouri, Western Iowa, eastern Nebraska, and eastern Kansas there was a marked deficiency. To the north and west of these sections the rains were heavier than they usually are in July. The region having the greatest monthly total comprised the Dakotas, eastern Montana, and northeastern Wyoming. In every part of the district the distribution of the rainfall through the month was quite uniform.

RIVERS.

In the larger streams the stages were somewhat below the July average. Some of the creeks and small rivers of the mountain and foothill country were in flood locally on account of heavy rains. The Mississippi at St. Louis rose slightly more than a foot and a half within six hours after the excessive rain at the mouth of the Missouri on the 14th. In a day the river was again at its former stage.

FLOOD IN CHERRY CREEK BASIN, COLORADO, JULY 14, 1912.

(By P. McDonough, Local Forecaster, United States Weather Bureau.)

During Sunday afternoon and evening, July 14, 1912, torrential rains occurred over the greater portion of the Cherry Creek drainage basin, especially between Castle Rock and Denver. This stream is an unimportant tributary of the South Platte River, and forms a junction with that river about 200 yards above the Sixteenth

TABLE 1.—Climatological data for July, 1912. District No. 6, Missouri Valley.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.					Precipitation, in inches.					Sky.	Prevailing wind direction.	Observers.			
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total rainfall, unmeasured.	Number of rainy days, 0.01 inch or more.	Number of partly cloudy days.	Number of cloudy days.		
<i>Wyoming.</i>																			
Arapahoe.	Fremont.	2	7														Edw. L. Seyman.		
Barnum.	Johnson.	5,500	7														Thos. Freegard.		
Basin.	Bighorn.	3,862	13	76.7	+ 2.5	99	13	40	6	54	1.42	+ 1.00	0.73	0	5	24	5	O. J. Robertson.	
Bennett.	Carbon.	3	1														Chas. C. Young.		
Big Creek Station.	do.	7,500	1	57.9	-	82	22	34	1	43	3.99	-	1.25	0	9			U. S. Forest Service.	
Burns.	Laramie.	5,400	2	66.7*	-	90	11†	46	4	39	1.73	-	0.34	0	10			E. W. Bastian.	
Casper.	Natrona.	5,101	3														M. C. Cook.		
Centennial.	Albany.	8,074	9	59.4	-	73	13†	39	6	35	4.30	-	1.00	0	10	11	6	Louis A. Gregory.	
Cheyenne.	Laramie.	6,088	41	67.4	- 2.4	86	21	46	4	30	1.82	- 0.17	0.39	0	15	5	18	U. S. Weather Bureau.	
Chugwater.	do.	5,282	11	65.6*	- 0.2	90	29	44	8†	44†	2.09	+ 0.70	0.50	0	11	8d	14d	A. H. Woolever.	
Clark.	Park.	4,320	7	66.6	-	92	13	43	14	36	1.72	-	0.54	0	12	11	9	Chas. A. C. Snow.	
Cody.	do.	5,000	5	63.5	-	90	28†	40	9	39	1.45	-	0.43	0	9	13	12	D. A. Tinkom.	
Crazy Creek.	do.	6,828	1			81	25†	27	10	49	3.29	-	1.29	0	15	14	5	Jas. Smith.	
Dome Lake.	Sheridan.	8,821	4	53.3	-	75	24	33	12	35	3.41	-	0.50	0	11	11	19	Abe Mills.	
Douglas.	Converse.	4,793	3														Henry C. Miller.		
Dubois.	Fremont.	6,909	5	58.3	-	88	24	30	9	53	2.10	-	0.83	0	6	10	19	Dr. F. H. Welty.	
Eaton Ranch.	Sheridan.	4,600	7	64.2	-	89	25	47	1	35†	2.60	-	1.07	0	6	18*	11*	F. A. Eaton.	
Elk Mountain.	do.	4,200	3														M. R. Hunter.		
Encampment.	Carbon.	7,322	3	63.0†	-	82	22†	37	5	35†	2.05	-	0.60	0	13	1†	24†	0†	Wm. Richardson.
Ervay.	Natrona.	6,400	3	62.2	-	86	25†	31	15	46	1.18	-	0.70	0	5	11	17	U. S. Forest Service.	
Fort Laramie.	Laramie.	4,270	34	69.6	- 3.2	94	30	47	15	39	4.85	-	1.05	0	12	9	21	John Hunton.	
Germania.	Bighorn.	4,312	6	65.4	-	90	25†	42	9	42	1.64	-	0.36	0	10	11	0	J. W. Peper.	
Gillette.	Crook.	4,546	6														S. D. Perry.		
Horse Creek.	Fremont.	51.5	-	77	28	24	9	42*	2.59	-	1.00	0	9	15*	8*	7*	U. S. Forest Service.		
Hunters Station.	Johnson.	8,000	6	55.0	-	79	24†	34	10	38	1.98	-	0.43	0	9	20	5	Do.	
Hyattville.	Bighorn.	4,632	13	68.6	- 0.9	98	25	44	9	42	0.17	-	0.06	0	5	17	3	Wm. Booth.	
Jireh.	Converse.	5,050	2														P. L. Ford.		
Kirtley.	do.	8	65.7	-	89	22	48	4	38	3.83	-	0.83	0	12	0	30	1	D. M. Zum Brunnen.	
Kirwin.	Park.	9,187	3														C. L. Tewksbury.		
Knowles.	Crook.	4,500	3														Geo. A. Knowles.		
Lagrange.	Laramie.	4,510	2	68.6	-	90	11†	47	5	40	2.56	-	0.75	0	9	19	10	Owen Shupp.	
Lander.	Fremont.	5,372	20	66.6	- 1.4	92	28	43	2	41	0.96	+ 0.10	0.36	0	8	8	15	U. S. Weather Bureau.	
Laramie.	Albany.	7,188	21														University of Wyoming.		
Leo.	Carbon.	6,878	10														C. A. Cowdin.		
Lolabama Ranch.	Park.	7,052	8	53.8	-	80	28	30	9†	43	2.80	-	0.90	0	11	15	10	Mary E. Painter.	
Lovell.	Bighorn.	3,825	6														R. Fred Harrison.		
Manville.	Converse.	5,007	21	63.9	- 4.1	90	28	40	14†	40	2.33	+ 0.88	1.05	0	6			D. E. Goddard.	
Moorecroft.	Crook.	5,050	2	69.4	-	98	26	39	15	45	1.54	-	0.23	0	15	4	21	C. T. Stoddard.	
Moore.	Albany.	6,000	11														Edwin Moore.		
Newcastle.	Weston.	4,319	5	70.6	-	92	13	44	15	36	3.82	-	0.97	0	11	8	15	Dr. S. W. Johnson.	
Pathfinder.	Natrona.	5,735	6	68.2	-	89	25†	48	15†	35	1.90	-	0.59	0	12	8	17	U. S. Reclamation Service.	
Pinebluff.	Laramie.	5,038	9	67.1*	-	88	8†	50	15†	38†	4.72	-	1.07	0	16			C. L. Beatty.	
Pine Ridge.	Crook.	4,376	4	66.4	-	93	25	46	14	42	0.89	-	0.34	0	11			J. E. S. Attaifer.	
Powell.	Park.	6,748	10	66.0	- 0.5	87	25†	41	3†	35	1.46	+ 0.37	0.45	0	10	12	14	U. S. Reclamation Service.	
Rawlins.	Carbon.	4,960	3														F. H. Ehrenfeld.		
Rocky point.	Crook.																P. H. Woxen.		
Saratoga.	Carbon.	6,785	14	62.9	- 2.5	84	21†	34	4	40	1.54	-	0.64	0	11	10	18	G. Frederick Clark.	
Seven Mile Creek.	do.	56.1*	76	21	35	4	29†	3.36	-								U. S. Forest Service.		
Sheridan.	Sheridan.	3,790	17	65.2	- 1.6	93	25	43	15	41	4.42	+ 3.02	1.36	0	11	6	12	U. S. Weather Bureau.	
Shoshone Dam.	Park.	5,385	6	65.6	-	94	28	43	14	36	2.47	-	0.65	0	6	9	12	U. S. Reclamation Service.	
Soldiers Home.	Johnson.	4,635	20														Joel C. Smiley.		
South Pass City.	Fremont.	7,873	10	55.5	-	79	28	30	6	43	0.57	-	0.17	0	6	9	8	John Sherlock.	
Sundance.	Crook.	65.2	-	90	26	42	10	38	1.60	-	0.35	0	6	14	14	3	Geo. W. Ashdown.		
Thermopolis.	Fremont.	4,350	8	68.9	-	95	25†	44	10	47	1.65	-	0.80	0	10	20	8	A. L. Duthig.	
Thornton.	Weston.	69.4	-	92	26	47	6	40	2.24	-	0.35	0	10	6	17	Geo. H. Ferguson.			
Ulm.	Sheridan.																W. H. Coleman.		
Verona.	do.	4,360	3														O. A. Roode.		
Wheatland.	Laramie.	7,400	2	67.6	-	88	29	49	15	33	4.58	-	0.93	0	21	15	7	A. de F. Snively.	
Winters Ranch.	Carbon.	5,375	3								2.42	-	0.72	0	12	2	28	Ira G. Wiant.	
Woodrock.	Sheridan.																Thos. S. Harrison.		
Worland.	Bighorn.	1	68.4	-	97	25	46	10	46	0.95	-	0.44	0	9	12	6	U. S. Forest Service.		
Wyncote.	Laramie.	5	67.6	-	89	22†	46	15	38	0.24	-	1.09	0	11	15	13	Prot. B. C. Buffum.		
Yellowstone Park.	Yellowstone Park.	4,207	24	56.8	- 4.7	83	28	33	9	39	2.37	+ 1.19	0.63	0	15	10	11	U. S. Reclamation Service.	
Fairview Dome.	do.	6,200	7	62.4	-	82	20†	27	9	52	4.13	-	1.22	0	14	10	10	U. S. Weather Bureau.	
Fountain.	do.	7,000	7	62.4	-	80	27	18	10	59	1.70	-	0.50	0	6	19	0	U. S. Army.	
Gallatin.	do.	7,220	6	45.8	-						1.60	-	0.50	0	5	12	10	Do.	
Grand Canyon.	do.	7,900	5	52.0	-	80	25	27	10	47	3.93	-	1.00	0	13	9	18	Do.	
Lake Yellowstone.	do.	7,733	8	50.5	-	79	28	26	10	42	0.43	-	0.14	0	8	21	1	Do.	
Norris.	do.	7,575	8	50.8*	-	80	29	26	10†	44†	2.00	-	1.50	0	2	7*	11*	Do.	
Riverside.	do.	6,500	6	54.8	-	86	28†	27	9	54	1.25	-	0.26	0	11	12	0	Do.	
Sylvan Pass.	do.	7,000	5	53.3	-	83	24	31	6†	48	4.37	-	1.12	0	8	11	0	Do.	
Thumb.	do.	7,772	6	51.2	-	82	26	25	25	55	3.60	-	1.00	0	6	16	11	4	Do.
Tower Falls.	do.	6,250	3	54.4	-	86	25	28	9	43	2.81	-	0.81	0	14	19	8	Do.	
Upper Geyser Basin.	do.	7,395	8	50.6	-	76	17	31	3	40	1.00	-	1.00	0	1	14	0	17	Do.
<i>Montana.</i>																	Mrs. Bessie F. Burch.		
Adel.	Cascade.	5,200	13	57.9	- 2.1	88	30	34	13	39	1.45	- 0.57	0.64	0	12	9	8	14	J. L. McGraw.
Agricultural College.	Gallatin.	4,700	14	59.9	- 3.9	87	25	41	8†	38	1.91	+ 0.70	0.30	0	12	16	12	3	C. C. Covington.
Augusta.	Lewis and Clark.	4,071	13	58.7	- 3.5	89	28†	34	14	49	1.40	- 0.49							

TABLE 1.—Climatological data for July, 1912. District No. 6—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.								Precipitation, in inches.								Sky.	Prevailing wind direction.	Observers.			
				Mean.	Departure from the normal.			Highest.	Date.	Lowest.	Greatest daily range.	Date.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall unmeted.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.					
					Highest.	Date.	Lowest.																		
Montana—Continued.																									
Busteed.	Sweet Grass.	4	62.0		91	28	30	16	42	2.62		0.74	0	13	10	18	3	nw.	T. H. Busteed.						
Cabin Creek.	Beaverhead.	2			95	30	43	14	40	1.36	+ 0.29	0.72	0	9	10	9	12	nw.	W. J. Crowell.						
Canyon Ferry.	Lewis and Clark.	3,644	65.0	- 2.6	95	30	43	14	40	1.59	+ 0.29	0.59	0	9	18	8	5	nw.	A. C. Pratt.						
Cascade.	Cascade.	3,361	62.7		91	28	40	97	49	2.72		0.73	0	12	11	15	5	sw.	Dr. E. E. James.						
Chessman Reservoir.	Lewis and Clark.	5,275	53.4		81	29	30	14	45	2.13		0.37	T.	12	14	4	13	.....	C. D. Schmidt.					
Chester.	Hill.	3,140	63.1		92	30	39	15	43	0.94		0.16	0	8	10	8	13	sw.	E. D. Keith.						
Chinook.	Blaine.	2,502	66.5 ¹	- 3.2	93 ¹	30	42 ¹	18	45 ¹	0.51	- 0.91	0.29	0	2	8 ¹	9 ¹	2 ¹	.....	T. O'Hanlon Co.					
Clearcreek.	do.	6																	Cortez Sedgewick.						
Clemens.	Lewis and Clark.	4,672	2																Frank Eberl.						
Clydepark.	Park.	1			91	25													Frank Taylor.						
Copper.	Meagher.	7																	Orville Harris.						
Crow Agency.	Rosebud.	3,041	67.1	- 4.3	90	25	43	8	40	1.97	+ 2.76	0.91	0	12	7	7	17	sw.	Ira R. Bamber.						
Culbertson.	Valley.	1,927	64.8	- 4.9	91	13	39	18	41	4.49	+ 2.43	1.81	0	12	11	4	6	nw.	G. H. Coulter.						
Cut Bank.	Teton.	3,700	60.1 ^f	- 1.2	91 ^f	30	35 ^f	14	48 ^f	2.58	+ 0.95	0.55	0	7	18 ^f	4 ^f	3 ^f	w.	Chas. N. Thomas.						
Denton.	Fergus.	3,500	63.0		91	30	39	12	44	2.19		1.00	0	10	14	10	7	nw.	T. J. Griesenauer.						
Dirty Creek.	Beaverhead.	5,147	61.3	- 3.2	89	27	33	2 ^t	44	1.83	+ 0.73	0.82	0	11	12	6	13	sw.	J. E. Monroe.						
Dry Creek.	Meagher.	6,000	3																Lewis Cameron.						
Dry Wolf Camp.	Broadwater.	5,500	2																J. C. Stuart.						
Dunkirk.	Cascade.	6,000	3																Mrs. Harriet R. Eveleth.						
East Gallatin River.	Teton.	3,293																	B. C. Protzman.						
Ekalaka.	Gallatin.	6,000	3																John Eberhart.						
Elkhorn.	Custer.	6,576	67.8	- 1.6	97	25	36	15	45	1.56	+ 0.05	0.48	0	12	9	6	16	w.	William Freese.						
Fallon.	Jefferson.	2,208	68.4		96	25	40	15	42	2.21		0.46	0	13	7	14	10	w.	James Heagan.						
Fish Creek.	Silver Bow.	8,500	51.4		74	26 ^t	32	87	32	2.04		0.90	0	9	18	9	4	w.	Mrs. A. C. Gifford.						
Flathead Creek.	Gallatin.	6,000	59.4		92	25	35 ^t	87	51	2.94		0.62	0	8	19	5	7	w.	O. B. Tilton.						
Forsyth.	Rosebud.	2,514	69.2		103	28	47	18	49	2.90		1.03	0	6	11	4	16	nw.	Alta Williams.						
Fort Benton.	Chouteau.	2,630	64.1	- 4.2	87	25	43	10	37	1.25	- 0.35	0.40	0	4	22	7	2	sw.	Jere Sullivan.						
Fort Shaw.	Cascade.	3,500	61.6	- 3.8	90	28	35	1 ^t	42	1.01	- 0.11	0.27	0	12	8	14	9	sw.	U. S. Reclamation Service.						
Fort Harrison.	Lewis and Clark.	4,004	63.9		95	29	41	13	43						19	11	1	w.	Post Hospital.						
Foster.	Yellowstone.	2	67.4		94	28	46	15	44	3.70		1.92	0	9	18 ^a	5 ^a	7 ^a	ne.	E. K. Bowman.						
Garnett.	Fergus.	5,500	58.4		82	26 ^t	34	67	43	4.53		0.90	0	18	5	4 ^a	21 ^a		Thos. E. Scally.						
Glasgow.	Valley.	2,092	65.4	- 4.9	89	10	35	15	42	2.66	+ 1.77	0.67	0	8	14	14	3	w.	W. M. Leonard.						
Glendive.	Dawson.	2,069	68.0	- 4.7	94	25	35	15	42	2.07	+ 0.34	0.48	0	8	11	17	3	n.	E. C. Leonard.						
Goldbutte.	Hill.	4	62.6		98	25	35	14 ^t	47	1.60		0.50	0	9	13	16	2	nw.	Joseph Berthelote.						
Graham.	Custer.	6	65.5 ^a															J. S. Rue.							
Grayling.	Gallatin.	8,700	52.0		82	29	27	97	48	4.14		1.32	0	14	9	9	13	sw.	T. Kerzenmacher.						
Great Falls.	Cascade.	3,350	64.4	- 3.9	88	30	41	14	37	2.07	+ 0.48	0.61	0	12	10	20	1	sw.	Robert Deardorff.						
Halfway House.	Broadwater.	6,000																Gordon Deans.							
Harlowton.	Meagher.	4,165	60.6		90	29	36	13	44	1.02		0.40	0	5	6	12	13	w.	Joseph Muir.						
Havre.	Hill.	2,505	63.6	- 4.5	90	30	40	18	40	0.97	- 0.95	0.33	0	11	14	13	4	nw.	U. S. Weather Bureau.						
Helena.	Lewis and Clark.	4,110	63.2	- 3.4	90	30	40	14	42	0.95	- 0.12	0.38	0	10	9	7	15	sw.	Do.						
Highwood.	Chouteau.	5																W. S. McCord.							
Huntley.	Yellowstone.	3,014	67.0		95	28	45	14 ^t	44	3.20		0.62	0	9	18	10	3	e.	U. S. Reclamation Service.						
Jones Canyon.	Gallatin.	6,800	3															James McCune.							
Knobles Ranch.	Hill.	1																F. H. Knoble.							
Lewistown.	Fergus.	4,010	59.6	- 4.5	89	26	38	87	44	4.12	+ 1.68	2.25	0	9	11	15	5	nw.	W. W. Watson.						
Lone tree.	Chouteau.	3,280	62.4		93	30	41	14	40	2.43		0.68	0	9	18	8	5	nw.	E. Wilson.						
Lytle.	Valley.	2,240	61.9		89	29	39	14	39	1.24		0.26	0	15	18	8	5	nw.	J. F. Fait.						
Malta.	Teton.	5																U. S. Reclamation Service.							
Medicine Lake.	Valley.	1																J. S. Collier.							
Melstone.	Musselshell.	1																A. F. Warner.							
Mildred.	Custer.	2,903																Leon B. Clark.							
Miles City.		2																U. S. Weather Bureau.							
Norris.	Madison.	4,371	69.6	- 3.3	98	30	44	15	40	3.55	+ 2.18	1.78	0	11	15	13	3	ne.	Madison River Power Co.						
Nye.	Sweet Grass.	3																F. L. Bryant.							
Olsen Creek.	Jefferson.	6,345	3															Robert Olsen.							
Pinegrove.	Musselshell.																	G. A. Woodcock.							
Pipestone Pass.	Jefferson.	7,000	3															Mrs. P. Keirney.							
Plevna.	Custer.	2,757	66.6		97	25	37	15	43	2.00		0.63	0	12	14	13	4	w.	C. C. Conser.						
Poplar.	Valley.	2,020	66.2	- 5.1	91	29	41	17	41	4.37	+ 2.79	1.20	0	9	19	10	2	w.	H. M. Cosier.						
Red Lodge.	Carbon.	5,548	57.8	- 4.0	84	25	35	9	42	1.50	+ 0.18	0.31	0	12	10	8	13	nw.	I. A. Draper.						
Renova.	Jefferson.	4,383	61.4	- 4.0	90	25	36	9	46	1.24	+ 0.21	0.23	0	12	18	4	9	sw.	F. B. Elmer.						
Ryegate.	Musselshell.	3,640	64.5		95	29	40	14	51	1.16		0.50	0	5	12	14	1	w.	H. Scherfenberg.						
Savage.	Dawson.	2,050	66.8		92	13	40	15	42	3.27		1.15	0	12	16	14	1	w.	U. S. Reclamation Service.						
Seville.	Teton.	3,276	3															Glen A. White.							
Shelby.	do.																	J. Rogers.							
Sidney.	Dawson.	1	67.2		84	17	39	15	39	3.15		1.03	0	8	19	2	11	.....	A. B. Waterman.					
Spokane Ranch |||.	Lewis and Clark.	1																R. C. Miles.							
Springbrook.	Dawson.	10	65.1	- 3.3	92	20 ^t	36	15	44	2.92	+ 1.11	1.44	0	8	11	12	8	sw.	D. J. Steiner.</						

TABLE 1.—Climatological data for July, 1912. District No. 6—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.		
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeasured.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
North Dakota—Contd.																				
Bowman.	Bowman.	5	5	66.2	—	90	13	41	18	39	3.08	—	1.01	0	10	13	10	8	nw.	W. R. Workman.
Broncho.	Mercer.	1,944	7	68.4	—	106	11	31	15	56	1.53	—	0.54	0	8	23	6	2	s.	E. M. Walker.
Buford.	Williams.	1,468	11	67.6	— 0.5	90	1†	34	15	42	3.80	+ 1.62	1.50	0	11	12	14	5	nw.	Maurice Funk.
Carson.	Stark.	2,543	20	(5.6 — 2.4	91	25	34	15	42	3.80	+ 1.62	1.50	0	8	9	10	12	nw.	D. J. Basquin.	
Dickinson.	Lemoure.	1,468	11	67.6	— 0.5	90	1†	40	15	37	5.70	+ 2.88	1.70	0	8	9	10	12	nw.	L. R. Waldron.
Edgeley.	McLean.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	O. A. Thompson.
Energy.	Williams.	—	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	T. L. Stanley.
Epping.	McLean.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	M. E. Ugen.
Fullerton.	Dickey.	1,439	14	67.8 — 0.3	90	1†	39	15	34	7.10	+ 3.98	2.56	0	9	20	8	3	nw.	F. O. Alin.	
Garrison.	McLean.	1,901	3	66.4 — 1.4	99	22	34	15	43	2.81	— 0.17	0.75	0	7	7	19	5	nw.	G. L. Robinson.	
Grinnell.	Mountrain.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	F. W. Hannah.
Haley.	Bowman.	—	4	68.8	—	94	25†	36	15	47	4.15	—	2.70	0	11	19	8	4	nw.	A. O. Lawrence.
Hettinger.	Adams.	2,253	6	61.8	—	86	1†	38	15	39	2.93	—	0.68	0	11	4	17	10	nw.	W. R. Lanxon.
Howard (near).	Divide.	2,275	6	60.8 — 1.8	90	22	36	15	34	3.83	+ 1.34	1.45	0	13	9	9	9	s.	C. P. Amsbaugh.	
Jamestown.	Stutsman.	1,390	25	66.8	—	92	22	31	15	40	2.09	—	1.21	0	5	12	14	5	nw.	Thos. Pettigrew.
Lamoine.	Kidder.	—	5	64.7	—	92	22	36	15	45	3.17	—	0.87	0	8	9	14	8	nw.	E. V. Virgin.
McHenry (near).	Eddy.	1,509	3	64.9	—	95	22	36	15	45	2.10	—	0.90	0	12	12	14	5	nw.	John Knox.
Marmarth (near).	Bowman.	—	5	65.9	—	94m	22	31†	15	41m	1.48	—	0.51	0	8	9	19	3	nw.	S. P. Crane.
Marstonmoor.	Stutsman.	—	5	64.1	— 6.2	102	30	30	9†	61	2.79	+ 0.77	0.93	0	6	16	15	0	w.	H. H. McCumber.
Medora.	Bilings.	2,225	16	64.1	+ 1.5	98d	22	34†	15	39*	2.47	— 0.39	1.55	0	6	17	17	0	nw.	J. W. Hesser.
Melville.	Foster.	1,590	15	68.4d	+ 1.5	92	26†	33	14	46	2.22	—	1.02	0	9	9	12	10	ne.	J. P. Kidder.
Mott.	Hettinger.	—	6	66.8	—	92	26†	33	14	46	2.22	—	0.95	0	12	15	5	11	s.	O. H. Opland.
Napoleon.	Logan.	1,955	21	67.1	— 1.3	94	22	35	15	37	4.54	+ 2.02	0.95	0	12	15	5	11	s.	C. J. Hoot.
New England.	Hettinger.	2,400	17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	J. M. Connolly.
New Rockford.	Eddy.	1,531	3	67.2	—	95	22	35	15	40	3.26	—	2.03	0	10	9	20	2	nw.	J. V. M. Sundberg.
New Salem.	Morton.	2,163	6	67.2	—	94	25	31	15	44	2.64	—	1.07	0	9	14	17	0	nw.	J. Christiansen.
Orange.	Adams.	—	6	67.2	—	94	25	31	15	44	1.72	— 0.99	0.67	0	10	15	12	4	w.	J. E. Gotforth.
Steele.	Kidder.	1,857	17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	H. S. Wood.
Washburn.	McLean.	1,731	9	65.1	—	92	1†	39	15	39	2.21	—	0.55	0	7	13	17	1	nw.	W. R. Peterson.
Williston.	Williams.	1,875	33	64.8	— 4.6	89	13	42	18	36	3.29	+ 1.26	1.15	0	13	9	13	9	se.	U. S. Weather Bureau.
South Dakota.																				
Aberdeen.	Brown.	1,300	22	70.6 — 0.4	93	7	41	15	42	3.81	+ 0.67	1.32	0	9	13	13	5	s.	D. G. Gallett.	
Academy.	Charles Mix.	13	73.0	— 0.7	95	7†	43	15	41	6.26	+ 2.88	2.13	0	13	15	9	7	se.	I. T. Lothrop.	
Alexandria.	Hanson.	1,352	23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Albert Hill.
Ardmore.	Fall River.	3,557	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	C. B. & Q. R. R. Co.
Armour.	Douglas.	1,521	16	72.1d	— 1.2	99d	7	40d	15	46d	—	—	0	—	7	8	12	11	s.	T. J. Markey.
Bellefourche.	Butte.	3,000	4	67.8	—	91	25†	38	15	42	1.76	—	0.40	0	12	18	5	8	se.	U. S. Reclamation Service.
Brookings.	Brookings.	1,636	23	70.2	— 0.7	92	7	39	15	39	2.52	+ 0.09	0.60	0	12	20	8	3	nw.	Experiment Station.
Bryant.	Hamlin.	1,846	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	J. W. Ault.
Camp Crook.	Harding.	3,000	20	67.8 — 1.8	97	25†	34	15	47	2.38	+ 0.68	1.32	0	9	13	13	5	2	s.	U. S. Forest Service.
Canton.	Lincoln.	1,248	17	71.8 — 0.1	96	7	42	15	38	3.47	— 0.45	1.57	0	5	26	2	3	se.	John H. Holsey.	
Cascade Springs.	Fall River.	3,422	4	69.9	—	93	13	42	15	47	3.37	—	0.68	0	11	17	9	5	se.	Fred Noerenberg.
Castlewood.	Hamlin.	1,685	6	68.6	—	89	7†	35	15	42	4.63	—	1.92	0	15	9	8	14	sw.	M. N. Bradley.
Centerville.	Turner.	1,229	15	73.0	—	99	7	45	15	40	3.52	— 1.02	1.51	0	8	15	13	3	se.	Frank Williams.
Chamberlain.	Brule.	1,363	14	74.6 — 0.1	95	29	45	15	39	2.90	+ 0.28	1.20	0	7	20	4	7	se.	B. V. Van Horn.	
Clark.	Clark.	1,779	18	67.4 — 2.3	87	1	38	15	39	6.93	+ 4.23	2.87	0	13	11	16	4	se.	O. H. La Craft.	
Cottonwood.	Stanley.	2,414	4	73.8	—	97	13	39	15	44b	2.42	—	1.33	0	8	18	12	1	se.	Experiment Station.
Custer.	Custer.	5,316	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	R. P. Imes.
Daviston.	Perkins.	—	3	68.0	—	90	25†	36	15	41	5.45	—	2.57	0	13	9	17	5	se.	P. A. Sattler.
Deadwood.	Lawrence.	4,535	3	65.0	—	89	26	36	15	40	3.10	—	0.65	0	9	19	11	1	se.	R. E. Grimshaw.
Deerfield.	Pennington.	6,000	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Frank Miller.
De Smet.	Kingsbury.	1,726	19	70.1f	— 0.3	91f	7	40f	15	39f	4.82	+ 2.34	1.35	0	13	20	8	3	se.	J. O. Purinton.
Dowling.	Stanley.	2,250	3	73.0	—	98	22	40	15	41	5.13	—	3.00	0	9	19	10	2	se.	M. P. Dowling.
Dumont.	Lawrence.	6,195	3	65.3	—	98	22	40	15	41	3.14	—	0.60	0	10	15	12	4	sw.	A. B. Wood.
Dunton.	Eagle Butte.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Dr. John F. Chandler.
Edmunds.	Dewey.	2,415	1	70.9k	—	95k	13	39k	15	40k	2.18	—	0.74	0	6	20	8	3	se.	A. H. Peterson.
Edson.	Potter.	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	J. C. Stoner.
Elk Mountain.	Meade.	4,700	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	James E. Blaime.
Ellingson.	Perkins.	—	67.3	—	93	25	34	14	45	3.91	—	2.40	—	—	—	—	—	—	—	Carl G. Moen.
Englewood.	Lawrence.	5,723	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	T. J. Cummings.
Eureka.	McPherson.	1,884	3	70.3	—	94	1†	35	15	39	2.19	—	0.72	0	13	14	16	1	nw.	Experiment Station.
Fairfax.	Gregory.	8	73.4	—	95	7†	40	15	41	5.88	—	3.10	0	9	21	10	0	se.	U. G. Stevenson.	
Faulkton.	Faulkton.	1,595	17	71.4 + 0.8	95	7	42	15	38	2.71	+ 0.11	0.65	0	10	20	5	6	se.	Miss Belle Talcott.	
Flandreau.	Moody.	1,565	22	70.3 + 0.6	96	7	42	15	37	3.51	+ 0.64	0.93	0	12	19	5	7	se.	W. A. Harris.	
Forestburg.	Sanborn.	1,231	20	72.3 + 0.6	98	7	37	15	43	3.13	+ 0.33	0.71	0	9	17	10	4	se.	S. S. Judy.	
Fort Meade.	Meade.	3,624</																		

TABLE 1.—*Climatological data for July, 1912. District No. 6—Continued.*

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.								Precipitation, in inches.								Sky.	Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	Number of rainy days, 0.01 inch or more.	Number of partly cloudy days.	Number of cloudy days.					
South Dakota—Contd.																						
Orman.....	Butte.....	2,920	6	70.2	.....	94	13†	41	15	43	3.72	.....	1.77	0	7	4	23	4	e.	U. S. Reclamation Service.
Ottumwa.....	Stanley.....	4	72.2	.....	102*	22	33*	15	47*	1.08	.....	0.40	0	3	25	3	3	se.	J. W. Bretz.	
Parkston.....	Hutchinson.....	1,400	20	74.6	- 0.6	99	22	46	15	34	5.15	.....	1.39	0	12	12	7	.....	W. C. Remper.	
Pierre.....	Hughes.....	1,572	20	74.6	- 0.6	99	22	46	15	34	3.22	+ 0.87	1.30	0	9	10	16	5	se.	U. S. Weather Bureau.		
Plankinton.....	Aurora.....	1,528	18	69.8	.....	95	1†	32	15	48	5.52	+ 2.70	1.03	0	11	8	19	4	se.	W. G. Andrews.	
Pollock.....	Campbell.....	6	69.8	69.1	- 1.2	92	13	42	15	36	1.96	0.75	0	8	12	13	6	se.	J. H. Jones.	
Rapid City.....	Pennington.....	3,251	24	69.1	- 1.2	92	13	42	15	48	6.64	+ 4.09	3.05	0	16	12	11	8	w.	U. S. Weather Bureau.		
Redfield.....	Spink.....	1,295	14	72.4	+ 2.3	98	8†	39	15	46	3.06	+ 0.14	1.21	0	11	24	3	4	se.	A. S. Hall.		
Rochford.....	Pennington.....	5,228	2	78.1	.....	95	1†	32	15	48	3.02	.....	0.69	0	12	7	20	4	w.	Mrs. M. E. Deffenbaugh.
Rosebud.....	Todd.....	2,600	18	71.8*	- 1.7	93*	13†	34*	15	44*	2.97	+ 0.36	0.71	0	13	8	18	5	se.	W. M. Ege.		
Roslyn.....	Day.....	6	67.4	.....	87	7	39	15	32	4.88	.....	1.01	0	12	15	13	3	s.	O. Floren.	
Selby.....	Walworth.....	4	71.8	.....	98	28	38	15	42	2.76	.....	1.19	0	8	11	19	1	nw.	Miss Gertrude Hall.	
Sioux Falls.....	Minnehaha.....	1,400	21	71.4	- 0.4	98	7	44	15	38	7.65	+ 4.40	2.83	0	9	11	11	9	s.	J. H. Bechtold.		
Sisseton.....	Roberts.....	1,202	6	68.8	.....	88	2†	50	15	47	8.02	.....	2.70	0	8	17	0	14	s.	George Gray.
Sorum.....	Perkins.....	1	68.0	.....	96	6	33	15	48	4.89	.....	1.15	0	11	10	19	2	nw.	M. S. Eberhart.	
Spearfish.....	Lawrence.....	3,647	22	67.2	- 2.6	90	13†	41	15	43	2.15	+ 0.09	0.67	0	6	12	15	4	se.	A. E. Johnson.		
Stephan.....	Hyde.....	1,840	8	71.6	.....	97	22	36	15	46*	1.21	.....	0.49	0	5	10	18	3	se.	Rev. A. Mattingly.
Tama.....	Meade.....	3	70.1	- 0.4	92	7	41	15	34	3.67	+ 0.78	0.85	0	12	20	9	2	s.	Mrs. O. V. Hansell.			
Timber Lake.....	Dewey.....	2,163	12	72.6	.....	97	27	39	15	44	3.13	.....	1.27	0	5	25	6	0	nw.	R. T. Hallinan.
Tyndall.....	Bonhomme.....	1,418	15	72.3	- 1.9	96	7	43	15	42	5.79	+ 2.44	1.62	0	11	10	15	6	.....	F. F. Chladek.	
Vale.....	Butte.....	2,765	4	70.4	.....	94*	13	38*	15	46*	3.27	.....	1.92	0	9	15	14	2	nw.	U. S. Reclamation Service.
Vermilion.....	Clay.....	1,222	11	75.3	+ 1.0	101	8	46	15	41	3.15	- 1.39	1.66	0	9	22	6	3	s.	Prof. E. C. Perisho.		
Waters Ranch.....	Lawrence.....	4,000	2	70.2	.....	90	13†	41	15	43	2.26	.....	0.72	0	12	9	11	11	e.	George Waters.
Watertown.....	Codington.....	1,735	18	68.2	+ 0.8	89	7†	38	15	33	5.01	+ 1.89	1.48	0	14	9	18	4	se.	Robert Q. Wood.		
Wentworth.....	Lake.....	19	70.1	- 0.4	92	7	41	15	34	3.67	+ 0.78	0.85	0	12	20	9	2	s.	R. C. Zimmerman.			
Wessington Springs.....	Jerauld.....	1,410	12	70.2	.....	97	22	36	15	46*	3.67	+ 0.78	0.85	0	12	20	9	2	s.	Mrs. N. J. Dunham.	
White Lake.....	Aurora.....	1,646	3	73.4	.....	97	7†	40	14	39	5.26	.....	1.66	0	9	15	11	5	s.	Mrs. G. A. Rogers.
Winner.....	Tripp.....	2,500	38	74.2	- 0.4	99	8	46	15	36	4.84	+ 1.32	1.92	0	11	13	12	6	se.	J. W. Barnum.		
Yankton.....	Yankton.....	1,234	38	74.2	.....	99	8	46	15	36	4.84	.....	1.92	0	11	13	12	6	se.	U. S. Weather Bureau.
Minnesota.																						
Pipestone.....	Pipestone.....	1,710	11	71.1	+ 1.8	96	14	45	16	41	2.14	- 1.08	0.75	0	9	8	21	2	sw.	A. L. Doan.		
Colorado.																						
Albion Lake.....	Boulder.....	10,500	2	68.8	.....	92	8	44	5	41	2.93	.....	1.06	0	16	22	7	2	s.	F. R. Dungan.
Arriba.....	Lincoln.....	5,243	6	68.8	.....	92	8	44	5	41	4.99	.....	1.01	0	14	3	24	4	s.	C. A. Creel.
Auldhurst.....	Teller.....	8,500	2	68.8	.....	92	8	44	5	41	2.10	.....	0.70	0	7	20	8	3	ne.	Mrs. Alice A. Auld.
Bennett (near).....	Arapahoe.....	5,484	4	68.8	.....	92	8	44	5	41	3.25	+ 1.77	1.17	0	11	8	23	0	w.	J. F. Egelhoff.	
Boulder.....	Boulder.....	5,347	16	68.3	- 1.6	89	13	47	1†	37	3.40	.....	1.95	0	15	4	25	2	se.	Prof. J. A. Hunter.	
Burlington.....	Kit Carson.....	4,160	9	72.6	.....	99	11	49	5	40	3.40	.....	0.90	0	14	12	17	2	w.	W. P. Davis.
Cassells.....	Park.....	8,445	2	68.8	.....	92	8	44	5	41	3.47	+ 1.34	1.00	0	13	8	8	15	s.	Harriet M. Cassell.	
Castle Rock.....	Douglas.....	6,220	20	65.8	- 1.9	90	11	42	2†	43	2.59	.....	0.55	0	10	2	29	0	s.	Thos. P. Vaughan.	
Cheeseman.....	Jefferson.....	6,890	9	64.9	.....	86	11	41	6	44	2.69	.....	1.30	0	10	1	12	18	w.	J. G. Thornburg.
Cheyenne Wells.....	Cheyenne.....	4,279	20	72.6	- 1.0	99	8	48	5	39	3.20	- 0.93	1.12	0	8	23	6	2	se.	J. W. Adams.		
Cope.....	Washington.....	15	69.2	- 3.3	94	8†	47	8	47	4.14	+ 0.95	2.00	0	7	11	13	7	e.	Mrs. Doris M. Christopher.			
Corona.....	Grand.....	11,060	5	45.7	.....	60	17†	26	5	26	4.54	.....	1.08	3.0	9	13	23	5	w.	U. S. Weather Bureau.
Denver.....	Denver.....	5,272	40	69.2	- 2.6	92	8	46	5	34	2.90	+ 1.28	2.10	0	13	3	23	4	sw.	Do.		
Edgewater.....	Jefferson.....	5,450	4	67.6	.....	91	8	41	5†	41	2.24	.....	0.95	0	9	9	18	4	w.	N. P. Levin, M. D.
Estes Pk. Fish Hatch.....	Larimer.....	8,000	3	68.8	.....	97	9	45	2†	48	2.69	.....	0.60	0	16	1	12	18	w.	G. H. Thomson.
Fort Collins.....	do.....	4,985	33	65.8	- 2.7	89	8	43	2	43	2.93	+ 1.05	1.02	0	9	9	9	9	nw.	Colorado Agri. College.		
Fort Lupton.....	Weld.....	4,907	2	68.8	.....	97	8†	43	2	43	1.77	.....	0.69	0	11	1	25	1	ne.	R. W. Benedict.
Fort Morgan.....	Morgan.....	4,319	14	70.0	- 3.1	96	8†	45	5	47	2.92	+ 0.92	1.15	0	8	5	1	25	s.	Miss Della M. Scott.		
Frances.....	Boulder.....	9,000	7	58.9	.....	86	22	36	4†	42	4.21	.....	1.08	0	18	1	29	1	w.	C. W. Barry.
Fry Ranch.....	Larimer.....	7,500	2	58.8	.....	83	16	35	4	43	3.19	.....	0.70	0	18	13	11	7	w.	Norman W. Fry.
Georgetown.....	Clear Creek.....	8,550	10	68.8	.....	91	8	41	5†	41	2.59	+ 0.43	0.49	0	15	1	25	5	sw.	H. L. Corbett.	
Greeley.....	Weld.....	4,649	21	65.0	- 5.8	98	10	44	14	44	1.25	- 0.61	0.59	0	10	16	13	2	e.	Nelson Reynolds.		
Grover (near).....	do.....	5,076	8	66.6	.....	97	9	45	2†	48	1.48	.....	0.46	0	11	4	12	15	s.	D. M. Porter.
Hartsel.....	Park.....	8,892	3	68.8	.....	97	9	45	2†	48	3.78	.....	0.76	0	14	3	7	21	nw.	Emily Kleinknecht.
Hawthorne.....	Boulder.....	6,000	3	68.8	.....	97	9	45	2†	48	3.90	.....	2.56	0	9	11	16	4	sw.	B. E. Chesebro.
Holyoke (near).....	Phillips.....	3,745	16	67.3	- 5.1	96	19	40	4†	47	4.45	+ 2.11	1.25	0	12	15	6	10	se.	A. C. Cauble.		
Idaho Springs.....	Clear Creek.....	7,543	12	61.2	- 1.6	83	10	41	2†	40	3.57	+ 0.81	0.82	0	16	3	26	2	sw.	J. J. Willis.		
Julesburg.....	Sedgwick.....	3,465	11	67.4	- 2.9	92	10	42	4	39	2.74	+ 1.33	0.66	0	8	20	6	5	sw.	Great Western Sugar Co.		
Koeta.....	Weld.....	4,966	1	68.8	.....	97	8†	40	1	50	4.39	+ 1.52	0.90	0	18	1	26	4	sw.	I. S. Griffin.	
Kersey.....	do.....	4,571	1	68.8	.....	97	8†	40	1	50	3.45	.....	1.35	0	5	17	8	6	se.	Great Western Sugar Co.
Laporte.....	Larimer.....	5,053	21	68.8	.....	97	8†	40	1	50	3.44	+ 1.66	1.00	0	8	8	8	6	se.	P. A. Taft.	
Leroy (near).....	Logan.....	4,380	23	68.8	.....	94	8	48	1	43	1.84	- 0.25	0.56	0	10	3	23	1	sw.	Chas. Green.	
Longmont.....	Boulder.....	4,950	11	67.4	- 2.9	92	10	42	4	39	2.74	+ 1.33	0.66	0	8	20	6	5	sw.	Great Western Sugar Co.		
Longs Peak (near).....	Larimer.....	8,600	17	52.0	- 2.2	75	21	31	4†	40	4.39	+ 1.52	0.90	0	18	1	26	4	sw.	Enos A. Mills.		
Lulu Pass.....	do.....	2	68.8	97	8†	40	1	50	2.79	0.61	0	10	15	6	10	15	6	se.	Great Western Sugar Co.	
Merino.....	Logan.....	2,521	7	73.2	.....	95	28	56	10	36	3.90	.....	1.00	0	10	3	20	8	sw.	John M. Cotton.
Moraine.....	Larimer.....	7,775	22	57.6	- 1.8	79	22	36	2†	40	2.71	- 0.64	0.79	0	12	8	21	7	w.	F. M. Weitzel.		
Platte Canon.....	Jefferson.....	5,492	13	60.2	- 2.4	91	29	39	15	37	3.45	+ 0.93	1.60	0	6	21</td						

TABLE 1.—*Climatological data for July, 1912. District No. 6—Continued.*

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.								Precipitation, in inches.								Sky.	Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.				
<i>Nebraska—Continued.</i>																						
Beaver City.	Furnas.	2,147	21	78.4	+ 2.2	104	8†	51	16	40	1.82	- 2.04	0.56	0	7	19	9	3	se.	T. M. Davis.		
Bellevue.	Sarpy.	1,210	31	78.0	.....	103	14	53	15	35	1.47	- 2.70	0.44	0	10	16	9	6	se.	A. A. Tyler.	
Benkelman.	Dundy.	2,968	16	.....	.....	.....	.....	.....	.....	.....	5.73	+ 3.12	2.50	0	6	14	13	4	sw.	R. D. Drutiner.
Bertrand.	Phelps.	2,515	4	.....	.....	.....	.....	.....	.....	.....	5.38	- 2.26	2.27	0	6	23	7	1	se.	W. F. Dobbin.
Blaire.	Washington.	1,122	17	77.4	+ 3.1	104	14	45	16	44	1.88	- 2.10	0.60	0	12	20	10	1	sw.	D. C. Van Deusen.		
Bloomfield.	Knox.	6	6	74.6	.....	101	8	44†	15	41	4.00	- 1.95	1.45	0	10	12	17	2	s.	Dr. L. C. Bleick.	
Bradshaw.	York.	1,715	15	71.8*	+ 0.3	98	7	48	15	41	3.00	- 0.90	1.55	0	6	24	6	1	se.	E. C. Roggy.		
Bridgeport.	Morrill.	3,658	16	73.0	- 0.0	100	8	47	16	40	3.10	- 1.13	1.50	0	9	16	1	14	se.	R. H. Willis.		
Broken Bow.	Custer.	2,477	18	.....	.....	.....	.....	.....	.....	.....	1.28	- 0.24	0.24	0	9	22	7	2	sw.	C. B. & Q. R. R. Co.
Brutning.	Thayer.	1,583	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	sw.	Henry Middendorf.
Burke.	Cherry.	2,674	7	73.8	.....	96	8	40	15	39	4.72	.....	1.84	0	11	11	16	4	s.	H. A. Davis.
Butte.	Boyd.	7	5	.....	.....	.....	.....	.....	.....	.....	4.80	.....	0.80	0	8	17	9	5	s.	W. Whitha.
Cairo.	Hall.	1,951	4	.....	.....	.....	.....	.....	.....	.....	3.90	- 0.31	0.60	0	10	17	13	1	se.	Elliott Harrison.
Callaway.	Custer.	2,555	20	74.8	+ 1.6	103	8	48	16	41	2.64	- 1.27	0.27	0	10	17	9	5	s.	J. H. Evans.		
Cambridge.	Furnas.	2,258	6	77.0	.....	106	8	48	16	42	3.73	- 1.72	0.92	0	9	13	14	4	se.	Chas. Jensen.	
Columbus.	Platte.	1,442	19	75.6	+ 2.1	104	8†	45	16	40	2.06	- 1.72	1.20	0	10	17	9	5	s.	A. L. Rush.		
Crete.	Saline.	1,368	30	79.5	+ 3.9	104	9	50	16	39	1.51	- 2.71	0.45	0	10	17	9	5	s.	Doane College.		
Culbertson.	Hitchcock.	2,565	26	78.2	+ 1.9	104	11	51	18	37	3.25	+ 0.33	0.98	0	8	19	4	8	s.	Homer L. Nye.		
Curly.	Curtis.	4	67.2	.....	.....	91	27	40	15	42	3.11	- 1.32	1.00	0	13	9	16	6	se.	A. E. Hann.
David City.	Frontier.	2,553	17	75.8	+ 0.3	98	9	52	16	34	3.44	+ 1.02	1.10	0	9	13	11	7	se.	Dr. S. R. Razee.		
Du Bois.	Butler.	1,619	23	77.2	+ 3.6	102	9	52	16	34	3.45	- 0.63	0.80	0	10	16	14	1	s.	S. Clingman.		
Dumas.	Garfield.	1,074	7	73.0	.....	103	23	39	15	45	2.72	.....	1.10	0	10	20	11	0	s.	O. M. Backus.
Elm Creek.	Buffalo.	2,268	5	.....	.....	.....	.....	.....	.....	.....	1.77	.....	1.00	0	6	.....	.....	.....	s.	Emile Raes.
Elsie.	Perkins.	3,382	4	.....	.....	.....	.....	.....	.....	.....	3.82	.....	1.15	0	11	11	11	1	s.	E. L. Sutton.
Ericson (near).	Wheeler.	2,029	20	.....	.....	.....	.....	.....	.....	.....	2.60	- 0.69	0.82	0	9	13	12	6	s.	J. F. Brittain.
Ewing.	Holt.	1,888	20	74.8	.....	104	23	43	15	50	2.41	- 0.93	0.68	0	10	19	8	4	s.	J. A. Bodyfield.	
Exeter.	Fillmore.	1,607	1	.....	.....	.....	.....	.....	.....	.....	2.37	.....	1.13	0	6	.....	.....	.....	s.	G. H. Benson.
Fairbury.	Jefferson.	1,316	38	79.6	+ 2.7	104	12	48	16	44	0.60	- 4.05	0.18	0	7	15	15	1	ne.	Frank Ainsworth.		
Fairmont.	Fillmore.	1,641	18	77.4	+ 2.6	106	14	50	16	42	1.26	- 2.79	0.46	0	6	17	14	0	s.	W. F. Crabb.		
Falls City.	Richardson.	898	18	80.2	+ 2.9	102	14†	56	16	35	1.81	- 3.14	0.98	0	7	24	7	0	se.	C. B. & Q. R. R. Co.		
Ft. Robinson.	Dawes.	3,764	29	69.6	- 1.3	94	29	40	15	35	3.20	+ 1.12	1.20	0	9	18	6	7	s.	Dr. J. C. Yutzy.		
Franklin.	Franklin.	1,820	19	77.3	+ 1.6	104	12	46	16	42	1.93	- 1.71	0.77	0	6	11	15	5	s.	Post Surgeon.		
Fremont.	Dodge.	1,203	33	78.1	- 1.0	104	14†	47	16	39	2.46	- 1.78	0.81	0	10	13	14	4	se.	A. R. Peck.		
Fullerton.	Nance.	1,629	11	76.2	.....	107	23	45	16	45	2.66	- 1.52	0.80	0	7	18	11	2	s.	Ernest Hahn.	
Genoa.	Fillmore.	1,633	22	79.2	+ 3.4	105	14	45	16	47	0.94	- 2.96	0.34	0	5	20	11	0	s.	Dr. E. W. Johnson.		
Gordon.	Nance.	1,584	37	77.4	+ 2.5	104	23	46	16†	41	2.00	- 2.07	0.60	0	10	19	8	4	s.	F. M. Flory.		
Gosper.	Sheridan.	3,550	11	.....	.....	.....	.....	.....	.....	.....	2.64	- 0.75	0.99	0	6	19	9	3	s.	F. W. Parsons.
Gothenburg.	Gosper.	2,557	18	75.3	+ 0.9	103	8	45	16	45	2.34	- 0.51	1.33	0	8	11	12	8	s.	G. F. Williams.		
Grand Island.	Dawson.	2,557	18	75.3	+ 0.9	103	8	45	16	45	2.34	- 0.12	0.92	0	5	9	7	5	s.	Dr. W. J. Bartholomew.		
Grant.	Hall.	1,860	20	78.2	+ 2.8	104	8†	49	16	42	4.00	- 0.12	0.92	0	5	9	19	4	se.	E. A. Barnes.		
Greely.	Greeley.	3,405	9	72.6	.....	95	8†	50	5†	40	10.67	.....	4.83	0	7	19	11	1	se.	Cyrus Carver.
Guide Rock.	Webster.	1,646	12	.....	.....	102	8	48	16	42	2.09	- 1.55	0.40	0	11	19	11	1	s.	W. E. Morgan.
Halsey.	Thomas.	2,695	10	74.0	.....	97	8	44	15	40	3.33	- 0.04	1.42	0	8	13	11	1	ne.	J. S. Marsh.	
Hartington.	Cedar.	1,306	21	74.0	+ 1.1	104	8	41	16	50	3.11	- 0.23	1.55	0	9	3	24	4	s.	U. S. Forest Service.		
Harvard.	Clay.	1,812	22	80.6	+ 6.0	104	23	49	16	39	1.33	- 2.38	0.70	0	5	13	14	4	s.	D. E. Ewing.		
Hastings.	Adams.	1,932	22	76.8	+ 1.4	104	23	49	16	40	2.49	- 1.28	0.90	0	6	25	5	1	se.	Bert Gregg.		
Hayes Center.	Hayes.	1,932	19	74.4	.....	101	8†	53	13†	41	3.05	+ 0.40	0.85	0	11	21	8	2	se.	C. B. & Q. R. R. Co.	
Hay Springs.	Sheridan.	3,821	26	69.6	- 0.7	94	29	36	15	41	2.83	+ 0.19	0.90	0	10	7	21	3	s.	C. A. Kadlec.		
Hebron.	Thayer.	1,458	27	73.9	+ 2.8	102	9	47	16	41	1.86	- 2.54	0.88	0	8	14	8	4	s.	A. Kadlec.		
Hemingford.	Boxbutte.	4,256	3	.....	.....	.....	.....	.....	.....	.....	4.69	.....	1.40	0	10	.....	.....	.....	s.	Dr. C. M. Easton.
Hendley.	Furnas.	2,231	8	.....	.....	.....	.....	.....	.....	.....	1.65	.....	0.50	0	4	.....	.....	.....	s.	A. Enyeart.
Hershey.	Lincoln.	2,902	1	.....	.....	.....	.....	.....	.....	.....	3.68	.....	0.78	0	9	22	5	4	s.	T. L. Jones.
Hillside.	McPherson.	3,484	3	71.8	.....	98	11	44	15†	45	5.76	.....	2.31	0	9	12	15	4	s.	G. F. Palmer.
Holdredge.	Phelps.	2,324	22	76.6	+ 0.2	105	15	54	15†	51	2.97	- 0.35	0.96	0	9	.....	.....	.....	s.	Mrs. M. R. Lloyd.
Hooper.	Dodge.	1,228	15	76.0	+ 1.4	105	14	43	16	43b	3.41	- 1.13	1.20	0	10	.....	.....	.....	s.	C. B. & Q. R. R. Co.
Hull (near).	Banner.	2	2	.....	.....	.....	.....	.....	.....	.....	3.95	.....	2.02	0	7	11	7	13	w.	Dr. W. H. Heine.
Imperial.	Chase.	3,278	23	73.0	- 1.5	98	8†	50	16	43	5.09	+ 2.16	2.25	0	10	5	17	9	se.	Robt. Malcolm.		
Kearney.	Buffalo.	2,146	24	77.4	+ 1.6	103	14	49	16	40	4.55	+ 0.17	1.81	0	8	17	10	4	s.	City Engineer.		
Kimball.	Kimbail.	4,697	24	68.2	- 2.7	91	11	47	14	36	2.17	- 0.34	0.73	0	9	10	17	4	s.	F. J. Bellows.		
Kirkwood.	Rock.	17	72.0	- 0.7	96	8	40	15	41	5.71	+ 1.88	0.03	0	12	16	9	6	s.	Mrs. C. Arter.			
Kowanda.	Garden.	4	2	.....	.....	.....	.....	.....	.....	.....	3.80	.....	1.60	0	11	.....	.....	.....	s.	Geo. W. Hulse.
Lamar.	Chase.	2,385	23	76.0	+ 3.4	103	8	45	16	43	0.90	- 2.37	0.37	0	4	23	0	8	s.	L. R. McGaughay.		
Lexington.	Dawson.	1,189	34	79.0	+ 2.6	104	9	50	16	48	2.18	- 1.65	0.56	0	10	11	15	5	s.	Robt. Chadwick.		
Lincoln.	Cheyenne.	3,820	16	71.2	+ 1.0	97	8	49	5	41	3.05	+ 0.59										

TABLE 1.—Climatological data for July, 1912. District No. 6—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.		
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelting.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
<i>Nebraska—Continued.</i>																				
St. Libory.	Howard.	1,887	18								3.67	- 1.00	1.45	0	6	17	11	3	ne.	W. I. Meader.
St. Paul.	do.	1,796	19	77.8	+ 2.5	104	23	47	16	41	2.49	- 2.10	1.43	0	10	21	9	1	se.	Paul Anderson.
Santee.	Knox.	25	75.2	- 0.3	100	8	45	15	39	5.30	+ 1.59	1.22	0	12	12	13	6	se.	Geo. MacGregor.	
Sargent.	Custer.	2,339																J. L. Ferguson.		
Schuyler.	Colfax.	1,357																J. T. Sunne.		
Scottsbluff.	Scotts Bluff.	3,888	6	71.2		95	11	48	15	41	5.33		2.11	0	12	15	14	2	se.	A. B. McCoskey.
Seward.	Seward.	1,435	21	76.9	+ 0.1	102	9	46	16	42	2.35	- 1.99	0.55	0	7	18	11	2	se.	C. B., & Q. R. R. Co.
Sidney.	Cheyenne.	4,090	20								5.09	+ 2.70	1.32	0	11	18	12	1	se.	John P. Fischer.
Springfield.	Sarpy.	1,052	1								3.29		1.17	0	12	15	10	6	se.	L. A. Bates.
Springview.	Keyapaha.	21	74.0	+ 0.6	95	77	40	14	35	4.27	+ 1.14	1.40	0	6	9	13	9	se.	C. L. Phelps.	
Stanton.	Stanton.	1,472	21	76.8	+ 3.8	103	14†	40	16	49	2.03	- 1.87	0.75	0	8	19	10	2	se.	Alfred Pont.
Stratton.	Hitchcock.	2,804	17															Miss Stella Vennum.		
Superior.	Nuckolls.	1,574	29															F. V. Bishop.		
Syracuse.	Otoe.	1,059	21	79.0	+ 2.7	104	14	45	16	45	3.20	- 0.53	1.18	0	11	18	13	0	se.	W. N. Hunter.
Table Rock.	Pawnee.	1,023	24								1.11	- 3.33	0.39	0	8	25	6	0	s.	E. D. Howe.
Tecumseh.	Johnson.	1,113																F. B. Thurber.		
Tekamah.	Burt.	1,060	23	76.9	+ 1.8	105	14	44	16	35	2.87	- 1.49	1.00	0	11	16	12	3	se.	Dr. A. D. Nesbit.
University Farm.	Lancaster.	29	78.6	+ 3.1	103	9	47	16	41	2.68	- 1.36	0.81	0	9	18	11	2	se.	S. W. Perin.	
Valentine.	Cherry.	2,613	24	72.3	- 0.9	95	29	40	15	39	2.07	- 1.33	0.92	0	8	18	11	2	ne.	U. S. Weather Bureau.
Wahoo.	Sanders.	1,187	10															W. T. Mauck.		
Wakefield.	Dixon.	1,387	18	74.4	+ 1.5	104	14	41	16	47	3.12	- 0.12	1.18	0	6	9	19	8	s.	I. H. Weaver.
Walhill.	Thurston.	11	74.4			102	14†	43	16	44†	1.92	- 1.92	0.85	0	7	15	15	1	s.	A. P. Coleman.
Watertown.	Buffalo.	2,299	7								2.23		0.93	0	7	15	15	1	s.	R. E. Swift.
Wauneta.	Chase.	2,935	15								3.26	+ 0.47	0.95	0	7	13	4	8	s.	C. D. Fuller.
Weeping Water.	Cass.	1,080	35	79.2		106	14	44	16	48	3.03	- 0.81	0.72	0	8	23	7	1	s.	S. W. Orton.
Westpoint.	Cuming.	1,313	27	77.8	+ 2.9	106	14	48	16	39	3.85	- 0.06	1.25	0	7	27	3	1	s.	J. C. Elliott.
Wisner.	do.	1,380	17								3.05	- 1.01	0.75	0	6	20	11	0	sw.	F. C. Evans.
York.	York.	1,633	24	78.6	+ 1.9	104	23	46	16	44	2.37	- 1.99	1.64	0	6	20	11	0	sw.	A. T. Giauque.
<i>Iowa.</i>																				
Afton.	Union.	1,212	18	75.6	+ 0.4	96	14	54	19	30	2.46	- 1.89	1.19	0	8	14	17	0	sw.	N. W. Rowell.
Allerton.	Wayne.	10	77.4	+ 4.8	101	23	52	19	32	1.38	- 3.19	0.45	0	11	27	3	1	sw.	Mrs. Geo. Shriver.	
Alton.	Sioux.	1,305	7	73.7		100	23	49	15†	35	3.24		1.64	0	10	7	22	2	s.	W. S. Slagle.
Atlantic.	Cass.	1,164	21	76.7	+ 3.5	100	14	47	16	39	1.82	- 2.51	0.40	0	14	15	8	8	sw.	Thos. H. Whitney.
Audubon.	Audubon.	1,301	18	74.3	+ 2.2	97	9†	49	18	32	4.29	+ 0.37	1.40	0	13	12	9	10	sw.	Geo. E. Kellogg.
Bedford.	Taylor.	12	78.2	+ 4.8	101	14	55	20†	37	1.53	- 3.81	1.08	0	7	16	11	4	s.	E. E. Healy.	
Centerville.	Appanoose.	2	78.0			102	23	53	19	36	1.22		0.55	0	6	29	0	2	s.	Gordon Peacock, Jr.
Chariton.	Lucas.	1,042	17	74.2	+ 0.4	97	23	50	19	33	3.25	- 2.21	1.85	0	5	16	8	7	sw.	C. C. Burr.
Clarendon.	Page.	1,009	22	77.2	+ 1.7	103	14	52	16	40	2.24	- 2.46	0.97	0	7	16	13	0	sw.	A. S. Van Sandt.
Corning.	Adams.	1,117	20	76.6	+ 3.0	100	14†	51	16	49	2.58	- 1.77	1.05	0	6	18	13	0	sw.	Jerome Smith.
Corydon.	Wayne.	1,101	19	76.8	+ 2.0	100	14†	51	19	33	2.26	- 2.92	0.37	0	6	10	15	6	sw.	May C. Miller.
Council Bluffs.	Pottawattamie.	1,202	27	77.4		101	9†	47	16	43	2.54		0.86	0	12	8	13	10	se.	B. W. Crossley.
Creston.	Union.	1,312	7	74.7		99	14	52	16	39	2.24		1.00	0	10	13	9	2	sw.	O. J. Colby.
Cumberland.	Cass.	13									1.57	- 3.87	0.46	0	9	24	5	2	sw.	J. H. Reppert.
Denison.	Crawford.	1,180	18	74.1	+ 1.4	99	14	44	16	38	4.12	+ 0.06	1.05	0	14	15	9	7	s.	W. C. Van Ness.
Elliott.	Montgomery.	7	77.4			100	14	48	16	39	1.62		0.85	0	4	17	13	1	s.	C. H. Westrop.
Greenfield.	Adair.	20	76.3	+ 2.4	101	14	51	16	35	1.17	- 3.53	0.38	0	7	11	20	0	sw.	R. B. Oldham.	
Harlan.	Shelby.	1,182	13	74.4	+ 1.2	98	14	46	16	36	2.62	- 2.69	0.67	0	14	11	16	4	s.	G. A. Reynolds.
Inwood.	Lyon.	1,474	8	73.6		98	7†	43	15	36	3.22		1.56	0	8	18	10	3	se.	F. B. Hanson.
Lamoni.	Decatur.	1,120	5	70.8		100	14	54	18	34	2.13		0.78	0	7	25	0	6	sw.	T. J. Fitzpatrick.
Larrabee.	Cherokee.	1,266	22	73.8	+ 1.0	100	14†	44	16	41	4.30	- 0.07	1.38	0	9	18	11	2	se.	R. C. Carnahan.
Le Mars.	Plymouth.	1,224	16	72.8	+ 0.4	94	14	49	16	29	5.05	+ 0.58	1.80	0	10	12	16	3	s.	G. A. Clarke.
Lenox.	Taylor.	1,250	17	76.8	+ 3.0	98	14	54	16	35	1.73	- 3.21	0.78	0	6	27	4	0	s.	J. L. Hurley.
Leon.	Decatur.	1,120	10	78.3	+ 5.1	102	14	54	18	40								s.	Morris Gardner.	
Little Sioux.	Harrison.	76.3		103	14	50	16	35	2.56		0.64		0	9	20	0	2	se.	Geo. H. Gibson.	
Logan.	do.	923	45	76.4	+ 1.7	101	14†	46	16	38	2.61	- 2.58	0.70	0	11	16	13	2	se.	Glenn H. Stern.
Mount Ayr.	Ringgold.	1,236	19	77.9	+ 2.9	101	14	54	19	35	2.02	- 3.29	0.88	0	8	16	14	1	s.	Alex Maxwell.
Murray.	Clarke.	21	76.6	+ 2.5	99	14	52	19	33	2.10		1.00	0	10	5	25	1	s.	N. T. Ashley.	
Northboro.	Page.	78.7				102	23	53	16	34	2.02		0.65	0	7	23	8	0	se.	J. N. Darby.
Odebolt.	Sac.	15	75.9	+ 1.4	101	14	45	16	43	3.18	- 1.46	1.04	0	8	22	6	3	se.	E. Starmer.	
Onawa.	Monona.	1,051	12	77.2	+ 2.2	101	14	45	16	35	2.74	- 2.93	1.12	0	12	20	9	2	s.	C. G. Perkins.
Pacific Junction.	Mills.	960	13	76.8	+ 2.6	102	4	46	16	41	2.06	- 2.17	0.58	0	13	23	0	9	s.	H. H. McCartney.
Rock Rapids.	Lyon.	1,358	13	72.6	+ 0.8	98	7	38	17	43	4.15	+ 1.28	1.30	0	7	16	10	5	s.	W. C. Wyckoff.
Sheldon.	O'Brien.	1,422	12	72.8	+ 0.7	98	7†	46	16	36	3.11	- 2.03	1.83	0	11	19	9	3	se.	Geo. Apperle.
Sibley.	Oscceola.	1,212	19	70.0	- 0.2	98	23	45	15	35	4.08	+ 0.11	2.04	0	14	17	9	5	se.	H. G. Doolittle.
Sioux Center.	Sioux.	12	72.6	+ 1.4	96	23	47	15	36	3.78	- 0.93	1.60	0	10	17	10	4	se.	J. de Ruyter.	
Sioux City.	Woodbury.	1,135	23	74.8	+ 0.6	100	23	52	16	39	3.68	+ 0.87	1.87	0	12	15	12	4	se.	U. S. Weather Bureau.
Spencer.	Clay.	2	72.8			99	14	46	16	44	3.16		1.55	0	9	18	11	2	se.	S. Gillespie.
Thurman.	Tremont.	15	78.5	+ 3.1	102	9†	49	16	39	3.36</td										

TABLE 1.—Climatological data for July, 1912. District No. 6—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.								Precipitation, in inches.								Sky.	Prevailing wind direction.	Observers.			
				Mean.	Departure from the normal.	Highest.				Lowest.				Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	Number of rainy days, 0.01 inch or more.	Number of clear days.				
						Date.	Lowest.	Greatest.	Daily range.	Date.	Lowest.	Greatest.	Daily range.												
Kansas—Continued.																									
Harrison.	Jewell.	1,804	11	79.0	+ 3.3	103	14	49	41	2,18	- 2.35	0.92	0	5	22	7	2	s.	Mahlon Tegley.						
Hays.	Ellis.	2,000	44	79.8	+ 3.0	103	11†	58	6†	0.88	- 2.04	0.40	0	7	11	9	11	sw.	G. K. Helder.						
Hill City.	Graham.	2,134	4	79.6	-	105	11	54	40	0.84	- 0.46	0.46	0	7	18	11	2	s.	C. A. G. Inlow.						
Horton.	Brown.	1,188	23	78.1	+ 1.6	99	9†	59	19	34	3.69	- 0.70	1.08	0	10	16	5	10	s.	Mrs. S. C. Belden.					
Hoxie.	Sheridan.	2,700	14	77.4	+ 0.4	102	23	54	15	34	4.81	+ 1.68	1.40	0	8	20	3	s.	I. L. Vinson.						
Lawrence.	Douglas.	997	44	78.6	+ 1.2	98	23†	60	16†	32	3.10	- 1.67	1.00	0	9	13	17	1	sw.	Prof. H. P. Cady.					
Leavenworth.	Leavenworth.	913	68	79.5	+ 1.5	99	24	59	15	29	4.64	+ 0.42	1.65	0	10	23	5	3	se.	Dr. A. F. Yohe.					
Lebanon.	Smith.	1,812	14	78.6	+ 1.7	101	15†	54	17	43	3.05	- 1.28	1.35	0	3	20	9	2	s.	E. V. Bower.					
Leoti.	Wichita.	3,300	9	75.6	-	103	8	50	5	41	5.07	-	2.85	0	11	25	3	3	s.	Fred Burnham.					
Lincoln.	Lincoln.	1,374	6	S1.6	-	106	20	59	6†	38	3.55	-	1.18	0	9	15	7	9	se.	R. W. Greene.					
Lindsborg.	McPherson.	1,333	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A. J. Fredrickson.						
McCracken.	Rush.	2,139	-	79.1	-	100	11†	55	16	36	4.13	-	2.58	0	7	16	13	2	sw.	E. D. Floyd.					
Minneapolis.	Ottawa.	1,259	22	80.4	+ 1.5	102	12	59	6	35	3.84	- 0.23	1.59	0	7	23	4	4	s.	J. L. Steele.					
Moran.	Allen.	1,068	16	80.8	+ 3.0	101	24	62	1	32	2.13	- 2.98	1.17	0	5	16	12	3	sw.	C. J. Norton.					
Natoma.	Osborne.	1,834	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	s.	C. O. Hunt.					
Norton.	Norton.	2,284	14	77.8	+ 3.3	105	23	53	16	37	2.04	-	1.61	0.76	0	9	20	2	se.	Sim Sleffel.					
Oberlin.	Decatur.	2,539	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	s.	I. K. Huber.					
Oketo.	Marshall.	1,194	4	80.2	-	103	14	54	16	38	0.41	-	3.55	- 0.07	1.40	0	12	19	9	3	sw.	J. A. Church.			
Olathe.	Franklin.	1,032	17	79.1	+ 2.1	99	24	56	31	31	4.32	-	1.16	2.35	0	12	13	17	1	se.	Dr. S. B. S. Wilson.				
Ottawa.	Phillips.	926	18	78.8	+ 1.4	100	24	58	31	30	1.69	-	3.31	0.74	0	7	22	8	3	se.	W. J. Sheldon.				
Plainville.	Rooks.	1,939	21	80.0	+ 3.2	105	8†	53	16	38	1.86	-	1.02	0.65	0	10	16	15	0	se.	N. E. Bailey.				
Pleasanton.	Linn.	862	10	80.0	+ 2.3	101	24	60	19	31	3.06	-	1.11	1.02	0	4	18	11	2	sw.	P. D. Spellman.				
Quenemo.	Osage.	941	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	s.	B. F. Blaker.					
Republic.	Republic.	1,495	9	78.2	-	101	14†	47	16	44	1.62	-	0.53	0	7	-	-	-	-	s.	R. L. Graham.				
Russell.	Russell.	1,834	13	80.7	+ 2.9	102	12†	58	16	35	4.73	+ 1.72	4.22	0	4	17	9	5	se.	Robert Brebner.					
Russell Springs.	Logan.	2	77.4	-	-	106	8	52	5	42	3.43	-	1.50	0	11	22	8	1	se.	D. J. Hutto.					
St. Francis.	Cheyenne.	3,288	4	74.5	-	99	8†	51	5	41	6.65	-	1.75	0	9	10	18	3	s.	J. E. Uplinger.					
Salina.	Saline.	1,227	28	81.6	+ 2.0	106	12	61	6†	37	2.26	-	1.49	0.81	0	8	14	17	0	s.	Prof. A. W. Jones.				
Scott.	Scott.	2,971	6	78.0	-	103	23	53	16	44	3.30	-	1.28	0	8	27	3	1	s.	J. B. Loughran.					
Smith Center.	Smith.	1,800	2	80.0	-	103	12	54	15†	37	1.23	-	0.50	0	6	13	17	1	s.	W. H. Nelson.					
Topeka.	Shawnee.	997	26	79.9	+ 2.3	98	12	62	19	29	2.31	-	2.54	0.80	0	10	14	15	2	s.	U. S. Weather Bureau.				
Tribune.	Greeley.	3,612	13	-	-	100	14	55	31	39	3.28	-	1.27	1.60	0	8	24	7	0	s.	Charles E. Cassel.				
Valley Falls.	Jefferson.	913	13	78.2	+ 2.4	100	14	55	31	39	3.93	-	1.78	0	7	-	-	-	s.	Miss Nettie Maxwell.					
Vinland.	Douglas.	880	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	s.	A. Schick.					
Wakeeney.	Trego.	2,456	29	78.6	+ 1.5	102	11†	55	15	39	1.84	-	1.63	0.61	0	7	21	7	3	s.	A. S. Peacock.				
Wallace.	Wallace.	3,303	42	75.8	+ 1.3	103	8	51	5	40	2.61	-	0.73	1.44	0	9	29	0	0	se.	M. T. Griggs.				
Wamego.	Pottawatomie.	1,002	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	s.	M. L. Stone.					
Missouri																									
Amoret.	Bates.	850	4	80.0	-	102	24	60	1	33	2.58	-	1.20	0	4	19*	5*	6	sw.	Derby Fruit Farm.					
Appleton City.	St. Clair.	853	22	80.0	+ 2.2	101	22	60	17	34	1.79	-	3.73	1.25	0	3	12	9	0	sw.	T. C. Brown.				
Arlington.	Phelps.	695	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	e.	G. V. Randolph.					
Arthur.	Vernon.	767	20	78.0	+ 1.5	97	14	58	30	29	1.62	-	1.91	0.50	0	7	21	6	4	sw.	J. T. Armstrong.				
Avalon.	Livingston.	28	79.7	+ 2.8	101	24	55	19	34	1.37	-	3.29	0.55	0	4	28	3	0	sw.	F. G. Ashbaugh.					
Bagnell.	Miller.	594	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	e.	W. S. Brockman.					
Bethany.	Harrison.	881	23	78.9	+ 7.2	96	14	57	21	35	1.86	-	2.34	0.84	0	4	27	4	5	se.	W. H. Skinner.				
Bolivar.	Polk.	1,070	25	80.0	+ 3.8	99	9†	59	30	40	4.31	+ 0.41	2.75	0	5	24	7	0	s.	A. C. Fink.					
Boonville.	Cooper.	600	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	s.	C. Randecker.					
Brunswick.	Chariton.	652	34	78.6	+ 1.7	98	10†	58	19	36	1.84	-	2.76	0.71	0	7	15	8	8	sw.	Louis Benecke.				
Clinton.	Henry.	800	26	80.8	-	100	14	60	60†	35	0.90	-	3.69	0.70	0	3	18	13	0	s.	A. E. Derwent, M. D.				
Columbia.	Boone.	784	23	78.7	+ 1.3	96	24	60	19	28	1.88	-	1.77	1.20	0	8	12	7	0	s.	U. S. Weather Bureau.				
Conception.	Nodaway.	952	29	79.0	+ 3.4	98	14	57	19	34	1.09	-	3.15	0.46	0	4	13	16	2	sw.	Fr. Adhelm Hess.				
Crocker.	Pulaski.	1,300	1	79.4	-	98	5	60	27	36	2.53	-	1.23	0	4	23	7	1	s.	Ira H. Stephens.					
Elidon.	Miller.	1	81.6	-	-	101	24	60	19†	34	1.88	-	0.75	0	4	26	5	0	s.	G. M. Tinsley, M. D.					
Eldorado Springs.	Cedar.	750	7	79.6	-	99	13†	59	19	38	2.10	-	1.07	0	5	16	13	2	s.	Samuel Graham.					
Fayette.	Howard.	725	30	78.3	+ 1.1	97	24	59	27	32	2.26	-	1.81	1.64	0	6	22	26	5b	sw.	Prof. T. B. Smith.				
Fulton.	Callaway.	818	22	77.6	+ 1.0	96	23†	56	31	34	1.53	-	3.14	0.93	0	6	22	3	6	s.	Russel Johnston.				
Glasgow.	Howard.	618	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	s.	J. J. Shaughnessy.					
Grant City.	Worth.	1,130	21	79.4	+ 4.2	104	14	56	18	35	1.36	-	3.64	0.55	0	4	25*	4*	1*	sw.	W. H. Campbell.				
Harrisburg.	Cass.	912	41	79.9	+ 2.5	101	24	60	19	32	1.95	-</td													

TABLE 2.—Daily precipitation for July, 1912. District No. 6, Missouri Valley.

Stations.	Watershed.	Day of month.																														Total		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
<i>Wyoming.</i>																																		
Arapahoe.....	Bighorn.....																																	1.50
Barium.....	Powder.....																																	1.42
Basin.....	Bighorn.....	.07																																
Bennett.....	North Platte.....																																	
Big Creek Station.....	do.....																																	3.99
Burns.....	South Platte.....	.04	.20	.34																													1.73	
Casper.....	North Plate.....																																	
Centennial.....	do.....	1.00																																4.30
Cheyenne.....	South Platte.....	.03	T.	.13	.20	.16																											1.82	
Chugwater.....	North Platte.....	.42	.15	.05	.30	.30																											2.09	
Clark.....	Yellowstone.....	.09	T.	.03	.08	.03	.10																										1.72	
Cody.....	Bighorn.....	.26	.08	.02	.03	T.	.07	.02																								1.45		
Crazy Creek.....	Yellowstone.....	.07		.43	.01	.26	.48																									3.29		
Dome Lake.....	Tongue.....	.80		.20	.50	.20																										3.41		
Douglas.....	North Platte.....																																	
Dubois.....	Bighorn.....		.10	.33		.15																											2.10	
Eatons Ranch.....	Tongue.....	1.07	.13		.26	.18																											2.60	
Echeta.....	Powder.....	.10	.20																														1.04	
Elk Mountain.....	North Platte.....	.17																															2.05	
Encampment.....	do.....	T.	.02																														1.18	
Ervay.....	Powder.....																																4.85	
Fort Laramie.....	North Platte.....	.62	.20	T.	.10	1.00	T.	.04	T.																							1.64		
Foxpark.....																																		
Germania.....	Bighorn.....	.30	.11	.34		.24	.05	.02	.02																							2.59		
Gillette.....	Powder.....																																	
Horse Creek.....	Bighorn.....	.16	.01	T.	.10	.38	T.	.14																								1.98		
Hunters Station.....	Powder.....	.43		.22																														
Hyattville.....	Bighorn.....	.06		.02		.02																											0.17	
Jireh.....	Niobrara.....	.02	.28	.02	.02	.83		.23																								2.94		
Kirtley.....	do.....	.18		.55	.18	.74		.20																								3.83		
Kirwin.....	Bighorn.....	.05	.05	.50	.82	.05	.17	.40	.07																						3.45			
Knowles.....	Cheyenne.....	.21	.50	.76																												2.11		
Lagrange.....	North Platte.....	.38		.10	.42	.30																										2.56		
Lander.....	Bighorn.....	.12		.03	.16																											0.96		
Laramie.....	North Platte.....																																	
Leo.....	do.....																																	
Lolabama Ranch.....	Yellowstone.....	.15		.14	.05																												2.80	
Lovell.....	Bighorn.....																																	
Lusk.....	Niobrara.....																																	2.33
Manville.....	do.....	.38	.01	.04		.11	.20																									3.19		
Moorecroft.....	Cheyenne.....	.20	.03	.23	.17	.02																										1.54		
Moore.....	North Platte.....																																	
Newcastle.....	Cheyenne.....	.31	.29	.74	.05	.32		.22	T.	.26																						3.82		
Pathfinder.....	North Platte.....	.05																																
Pinebluff.....	South Platte.....	.92	T.	.09	.22	1.07	.04																									1.90		
Pine Ridge.....	Cheyenne.....	.15	.34	.20		.02																										4.72		
Powell.....	Bighorn.....	.14	.06	.11		.02																										0.89		
Rawlins.....	North Platte.....																																	
Riverton.....	Bighorn.....																																	
Rockypoint.....	Powder.....	.15	.35	.64		T.																										2.36		
Saratoga.....	North Platte.....	.02																																
Seven Mile Creek.....	do.....	.33		.06		.10																										3.36		
Sheridan.....	Tongue.....	.61	.07	.33	.04	.07	.20	T.																							4.42			
Shoshone Dam.....	Bighorn.....	.40		.22	.10	.65	T.	T.																							2.47			
Soldiers Home.....	Powder.....																																	
South Pass City.....	North Platte.....	.15	.02																														0.57	
Sundance.....	Cheyenne.....	.20																															1.60	
Thermopolis.....	Bighorn.....	.13	.05	.20	.80	.01																									1.65			
Thornton.....	Cheyenne.....	.31	.32	.25																												2.24		
Uhn.....	Tongue.....	.40	.09	.05		T.	.23	T.																							1.85			
Verona.....	do.....	.40	.01	.07																												1.93		
Wheatland.....	North Platte.....	T.	.12	.03	.15																											4.58		
Wiants Ranch.....	do.....																																	

TABLE 2.—*Daily precipitation for July, 1912. District No. 6—Continued.*

TABLE 2.—*Daily precipitation for July, 1912. District No. 6—Continued.*

TABLE 2.—*Daily precipitation for July, 1912. District No. 6—Continued.*

Stations.	Watershed.	Day of month.																														Total.			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
<i>South Dakota—Con.</i>																																			
Sisseton ||.	Minnesota.	.75	.16	1.15	.67	.45																												8.02	
Sorum.	Owl.	.58	.16	.16	.05	.55	.05																										4.89		
Spearfish.	T.	.18	.05	.55	.05																												2.15		
Stephan.	Missouri.	.14	T.	.21																													1.21		
Tama.	Cheyenne.																																		
Timber Lake.	Grand.	.88	T.	1.27	T.	T.	.30																									3.13			
Tyndall.	Missouri.	.12	T.	.27	.05		1.62																									5.79			
Vale.	Cheyenne.	.31		1.92	.24	T.	T.																								3.27				
Vernilion.	Missouri.																															3.15			
Waters Ranch.	Cheyenne.	.05	.03	.46	.40	.03																										2.26			
Watertown ||.	Big Sioux.	T.	.10	40	1.48																											5.01			
Wentworth.	do.	.10	.09	.70	.24																											3.67			
Wessington Springs.	James.																																		
White Lake.	Missouri.	.38		.62																													5.26		
Winner.	White.	.51	.15	1.13																													5.20		
Yankton.	Missouri.	T.	.75	.02																													4.84		
<i>Minnesota.</i>																																			
Pipestone.	Big Sioux.	.15	T.		T.	.08																											.03	2.14	
<i>Colorado.</i>																																			
Albion Lake.	South Platte.																																		
Arriba.	Republican.	.01	.04	.15																													2.93		
Auldhurst.	South Platte.	.09																															4.99		
Bennett (near).	do.																																2.10		
Boulder.		.08		.25																													3.25		
Burlington.	Republican.	.82	.10	.88																													.01		
Cassells.	South Platte.																																6.64		
Castle Rock.		.04	.43																														3.47		
Cheeseman.		.do.	T.	T.																															
Cheyenne Wells.	Smoky Hill.		.28																														4.55		
Cope.	Republican.	.15																															4.14		
Corona ||.	South Platte.	.08		.64																													4.54		
Denver.		.02	.34	.10																													.01		
Edgewater.		.T.	.61	.26																													2.90		
Estes Park Fish Hatchery.		.18	.05	.15	.38																											2.69			
Fort Collins.		.02	.22	.20																													2.93		
Fort Lupton.		T.	.08	.12																													1.77		
Fort Morgan.		.do.			T.																												2.92		
Frances.		.108	.02	.11	.36																												.52		
Frys Ranch.		.25	.10	.04	.49																											4.39			
Georgetown ||.		.10	.03	T.	.17																											3.19			
Greeley.		.03	.02	.09	.11	.02																											.49		
Grover (near).		.14	.08	.21	.30	.08																											1.25		
Hartsel.		.do.	T.	T.	.03	.16																										3.78			
Hawthorne.		T.	T.	.03	.16																														
Holyoke (near).	Republican.	.66	.40	.05	1.25																												3.90		
Idaho Springs.		.02	.12		.08																												3.57		
Julesburg.		.06	.05		.40																												2.97		
Keota.		.do.																																	
Kersey.		.do.																																	
Laporte.		.do.																																	
Leroy (near).	Republican.	.53																																3.44	
Longmont ||.	South Platte.	.39	.20	.36																															
Longs Peak (near).		.do.	.50	.02	.01	.50																													
Lulu Pass.		.do.																																	
Merino.		.do.																																	
Moraine.		.13	.08	.28	.40																														
Platte Canon.		.do.																																	
St. Cloud.		.06	.43	.06	.94																														
Sedgwick.		.40	.55	.07	.16																														
Sill Mine.		.do.																																	
Spicer (near).	North Platte.		.52																																
Sterling.	South Platte.	.30		.53	.18																														
Waterdale.		.do.																																	
Wray.	Republican.	.60		.90																															
Yuma.		1.00	.01	.27																															

TABLE 2.—*Daily precipitation for July, 1912. District No. 6—Continued.*

TABLE 2.—*Daily precipitation for July, 1912.* . District No. 6—Continued.

Stations.	Watershed.	Day of month.																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total:	
<i>Nebraska—Contd.</i>																																		
Wauneta.....	Republican.....	.15	.04	.40	.26																												.20	3.26
Weeping Water.....	Missouri.....		.04	.34																														3.03
Westpoint.....	Elkhorn.....		.10	.15																													3.85	
Wisner.....	do.....	T.	T.	T.																													3.05	
York.....	Blue.....		.09		T.	T.																											2.37	
<i>Iowa.</i>																																		
Afton.....	Grand.....	T.	.02	.03																													2.46	
Allerton.....	Chariton.....	.07																															1.38	
Alton.....	Floyd.....	.03																															3.24	
Atlantic.....	Nishnabotna.....	.01																															1.82	
Audobon.....	do.....	T.																															4.29	
Bedford.....	Missouri.....		.02																														1.53	
Centerville.....	Chariton.....		.25																														2.22	
Chariton.....	do.....																																3.25	
Clarinda |||	Nodaway.....		.18																														2.24	
Corning.....	do.....	T.																															2.58	
Corydon.....	Chariton.....		.03																														1.26	
Council Bluffs.....	Missouri.....	T.	T.	.09																													1.26	
Creston |||	do.....	T.	.07																														2.24	
Cumberland.....	Nodaway.....		.16																														1.57	
Denison.....	Missouri.....	T.		.03																													4.12	
Elliott.....	Nishnabotna.....																																6.62	
Greenfield.....	Nodaway.....	T.																															1.17	
Harlan.....	Nishnabotna.....	T.	T.																														1.77	
Inwood.....	Big Sioux.....		.02																														2.22	
Lamoni.....	Grand.....	.07																															2.13	
Larrabee.....	Little Sioux.....		.33																														4.30	
Le Mars.....	Floyd.....	T.																															19.05	
Lenox.....	Missouri.....	T.																															1.73	
Leon.....	Grand.....																																2.56	
Little Sioux.....	Little Sioux.....																																1.20	
Logan.....	Missouri.....																																2.61	
Mount Ayr.....	Grand.....	.02	T.																														2.02	
Murray.....	do.....																																2.10	
Northboro.....	Missouri.....	.57	.14																														2.02	
Odebolt.....	Little Sioux.....		.40																														3.18	
Onawa.....	Missouri.....		.02																														0.03	
Pacific Junction.....	do.....	.42	.28																														2.90	
Rock Rapids.....	Big Sioux.....																																	4.15
Sheldon.....	Floyd.....																																3.11	
Sibley |||	Big Sioux.....	.03	.31	.02																													0.08	
Sioux Center.....	Floyd.....	.15																															3.78	
Sioux City.....	Missouri.....	T.																															3.63	
Spencer.....	Little Sioux.....	.07																															3.16	
Thurman.....	Missouri.....	T.	.12																														3.36	
Washta.....	Little Sioux.....	.40																															4.63	
<i>Kansas.</i>																																		
Abilene |||	Smoky Hill.....	.66	2.40																														4.36	
Agricultural College.....	Kansas.....	.25	.16																														3.23	
Alton.....	T. 21	10	T.	.02																													2.52	
Atchison.....	Missouri.....		1.38																														3.79	
Beloit |||	Solomon.....	.45	1.06	.08																													2.42	
Blakeman.....	Republican.....	.67	.05	.20																													2.83	
Blue Rapids |||	Blue.....	.25	.02																														2.83	
Centralia.....	do.....	.15	.15	T.																												2.25		
Chapman.....	Smoky Hill.....	1.00	2.00																													4.38		
Colby.....	Republican.....	.12	.16																														1.78	
Concordia.....	do.....	.01	.30	T.																												1.33		
Densmore.....	Solomon.....																															1.85		
Dresden |||	Republican.....	.15	1.05																													3.29		
Ellsworth.....	Smoky Hill.....	.72	.55	.34																												3.14		
Emmett.....	Kansas.....	.43	.12	.51																												3.10		
Enterprise.....	Smoky Hill.....		13	2.30																												3.65		
Eskridge.....	Osage.....	.05	23	0.30																												3.56		
Farnsworth.....	Smoky Hill.....	.08	21	.04																												2.53		
Fort Scott |||	Osage.....	.22	.35	.08																												2.83		
Frankfort.....	Blue.....		.12	.01																												1.42		
Garnett.....	Osage.....	.44	.94	.09																												5.69		
Goodland.....	Republican.....	1.43	.03	.09																												5.58		
Gove.....	Smoky Hill.....	.75</																																

TABLE 2.—*Daily precipitation for July, 1912. District No. 6—Continued.*

Stations.	Watershed.	Day of month.																														Total.		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
Kansas—Contd.																																		
Republic	Republican	T.	.15																															1.62
Russell	Smoky Hill	.10	4.23																															4.73
Russell Springs	do	.18	T.	T.																													3.43	
St. Francis	Republican	1.75		.75																													6.65	
Salina	Smoky Hill	.77	.81	.20	.01																												2.26	
Scott	do	.17		T.	T.																												3.30	
Smith Center	Solomon	T.	.50	.05																													1.23	
Topeka	Kansas	.01	.22	.21	.05	.13	T.																										2.31	
Tribune	Smoky Hill	T.	T.	.06																													4.72	
Valley Falls	Kansas	.40	.20			.21																											3.28	
Vinland	do	.29	1.78	.60																													3.93	
Wakeeney	Smoky Hill	.03	.14	.16																													1.84	
Wallace	do	.24		.04																													2.61	
Wamego	Kansas	.10	.15		.55																												3.55	
Missouri.																																		
Amoret	Osage		.69	1.20																													2.58	
Appleton City	do	1.25	.33																														1.79	
Arlington	Gasconade	.15	T.																														1.62	
Arthur	Osage		.22																														1.65	
Avalon	Grand		.44																														1.37	
Bagnell	Osage	.30	.01	.00																													2.33	
Bethany	Grand																																1.86	
Bolivar	Osage		.28																														4.31	
Boonville ||	Missouri	.42	.08	.68	.04																												2.67	
Brunswick ||	Grand		.06	.71	.12																												1.84	
Clinton	Osage		.70																														0.90	
Columbia	Missouri	.20	1.20																														1.88	
Conception	do	.03																															1.09	
Crocker	Gasconade		T.																														2.53	
Eldon	Osage		.07	.44																													1.88	
Eldorado Springs	do	T.	.35	.15																													2.10	
Fayette	Missouri		.64																														2.26	
Fulton	do		.93	.01	.01	.21																											1.53	
Glasgow ||	T.	.32	T.	1.10																													1.82	
Grant City	Grand	T.	T.																														1.36	
Harrisonville ||	Osage	T.	.10	.87																													1.95	
Hazelhurst	Grand		.31																														1.27	
Hermann ||	Missouri	.52	.06	1.12																													4.19	
Houston	Gasconade	T.	.17																														6.00	
Jefferson City ||	Missouri	.27	.30	.20																													2.42	
Kansas City	do	.02	1.75																														3.30	
Kiddie ||	Grand		.15	.67	1.75																												3.26	
Lamonte	Missouri	T.	.61																														1.56	
Lebanon	Osage	.03	.05																														3.50	
Lexington ||	Missouri		.38	.90																													2.50	
Liberty	do		1.31																														5.60	
Lockwood	Osage																																5.09	
Marshall	Missouri	.42	1.31																														1.17	
Maryville ||	do																																7.62	
Mount Vernon	Osage		1.69																														0.73	
Newada	do		.32	.29																													0.71	
Oregon	Missouri	T.	T.																														1.36	
Osceola ||	Osage	.07	.12	.87																													0.24	
Pattensburg ||	Grand		.10																														4.18	
Rolla	Gasconade	T.	T.																														2.41	
St. Charles	Missouri	T.	.35	.28																													1.66	
St. Joseph	do		.12	.33																													5.29	
St. Louis (1)	Mississippi	.25	.01	.22																													6.22	
St. Louis (2)	do	.05	.52	.27																													3.14	
Sublett	Chariton																																1.53	
Tarkio	Missouri		.04	.09																													1.42	
Trenton	do		.03	.15	T.					</td																								

TABLE 3.—Maximum and minimum temperatures at selected stations for July, 1912. District No. 6, Missouri Valley.

Date.	Wyoming.														Montana.														
	Basin.		Cheyenne.		Fort Laramie.		Lander.		Newcastle.		Pathfinder.		Sheridan.		Yellowstone Park.		Billings.		Dillon.		Havre.		Helena.		Lewistown.		Malta.		
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	
1....	96	50	76	48	82	52	78	47	83	62	79	52	76	55	64	40	73	53	63	35	68	53	54	50	54	44	79	65	
2....	98	51	78	49	81	54	77	43	78	58	79	48	75	52	66	39	71	54	62	33	74	55	70	50	70	46	78	55	
3....	96	50	76	59	79	53	74	50	80	55	74	53	69	55	62	40	70	53	70	31	66	56	61	52	62	40	78	50	
4....	90	45	65	46	74	50	66	48	72	52	70	51	67	54	62	41	72	52	77	33	74	52	72	54	70	41	76	52	
5....	88	46	71	46	79	52	77	46	75	54	72	49	77	47	64	38	74	50	81	40	75	51	66	51	72	41	78	49	
6....	94	40	80	51	89	54	83	48	78	56	79	54	78	47	65	40	76	52	82	48	72	52	67	46	72	40	74	50	
7....	93	44	82	51	86	60	78	50	85	58	80	55	72	55	62	42	74	54	83	47	70	49	61	45	70	40	75	54	
8....	96	50	86	50	91	54	80	48	80	62	80	50	87	49	61	38	72	52	82	40	80	45	71	38	69	51	88	50	
9....	98	52	71	51	86	55	76	50	75	54	78	50	70	48	66	33	76	45	82	51	72	48	73	44	74	40	70	53	
10....	94	48	83	52	85	54	86	45	84	56	83	54	82	44	72	38	86	48	84	49	78	47	80	49	79	41	81	51	
11....	96	50	81	56	93	50	83	56	88	60	82	55	79	50	74	43	83	52	86	53	71	53	76	52	84	41	80	52	
12....	97	60	76	51	80	58	82	52	78	60	79	54	73	55	71	45	82	55	84	50	80	48	76	48	71	43	78	51	
13....	99	60	84	51	92	50	84	44	92	56	82	60	88	47	76	45	93	46	80	42	85	45	84	42	85	41	88	50	
14....	89	50	74	57	68	63	70	53	88	56	70	54	64	47	65	40	71	51	80	44	66	41	71	40	74	38	62	44	
15....	90	67	71	50	81	47	84	46	80	44	82	48	80	43	76	38	82	45	79	45	80	54	71	40	80	48	78	56	
16....	93	68	86	52	88	50	88	50	89	58	87	52	73	51	72	44	72	51	76	40	63	53	67	52	69	47	79	52	
17....	97	64	81	49	61	55	83	55	67	52	85	53	67	54	60	45	70	56	73	37	66	45	85	45	77	41	64	45	84
18....	96	60	56	48	65	50	79	54	60	50	84	50	74	51	69	43	70	46	74	36	75	40	76	38	71	42	86	40	89
19....	98	62	81	52	84	55	76	56	89	58	82	59	75	59	64	49	84	60	80	45	79	47	76	53	72	45	78	49	80
20....	96	60	79	57	81	59	84	52	80	58	80	58	68	48	83	53	82	49	75	57	75	56	70	47	78	56	70	46	80
21....	93	64	86	54	87	59	89	53	90	62	85	53	85	52	71	45	87	56	78	45	82	50	82	55	77	44	73	51	81
22....	96	66	84	57	91	58	91	54	65	62	82	54	74	57	60	45	84	54	76	40	85	55	72	54	84	53	84	54	85
23....	94	67	81	57	88	64	86	49	84	61	78	57	69	44	84	52	75	55	74	46	73	42	80	55	73	42	80	55	86
24....	96	68	82	55	90	60	90	49	92	64	87	54	88	49	78	42	87	48	78	36	76	48	77	52	77	53	77	57	87
25....	94	69	78	54	84	60	89	53	90	68	83	62	93	59	82	48	92	54	84	46	82	55	87	54	82	70	81	43	83
Mnss.	95.3	58.1	77.3	52.8	83.5	55.6	81.9	51.4	83.0	58.3	81.1	55.3	78.3	52.0	70.2	43.4	80.4	52.1	78.6	44.0	76.5	50.6	74.8	51.6	74.5	44.8	78.3	49.5	80.0

Date.	Montana.				North Dakota.								South Dakota.																
	Miles City.		Poplar.		Berthold Agency.	Bismarck.	Dickinson.	James-town.	Williston.	Aberdeen.	Elling-son.	Huron.	Kadoka.	Kimball.	Pierre.	Rapid City.													
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.			
1....	72	62	79	60	93	65	90	68	87	64	89	66	87	63	91	68	85	59	89	68	93	73	89	64	92	71	79	60	
2....	73	56	78	52	73	57	77	62	75	55	84	67	76	59	86	68	79	58	82	64	86	60	91	61	86	58	92	56	
3....	78	59	76	58	84	58	80	58	76	59	80	59	74	54	81	64	83	60	87	57	84	61	86	60	93	59	92	56	
4....	68	61	71	58	73	54	71	61	71	59	75	60	66	59	83	61	79	56	85	65	81	64	81	63	86	58	92	56	
5....	79	54	75	56	71	59	76	60	71	53	80	60	68	57	80	63	75	57	81	64	79	59	80	60	82	65	78	56	
6....	80	56	76	56	81	55	88	56	78	52	84	58	60	76	53	80	58	80	54	85	56	88	59	80	61	86	55	88	51
7....	78	59	77	57	80	56	83	62	77	56	73	61	77	59	93	60	79	56	95	62	90	66	94	63	92	61	80	58	91
8....	73	56	75	51	80	55	80	60	75	51	87	58	75	52	93	63	78	53	86	63	90	59	93	59	92	58	88	55	93
9....	72	52	72	47	72	46	74	52	69	45	73	56	69	49	78	71	87	54	90	60	77	58	83	60	77	52	86	56	92
10....	85	51	81	49	80	47	82	50	78	45	80	50	73	48	82	56	81	46	83	53	83	53	82	58	80	52	80	52	88
11....	82	58	78	52	81	53	83	60	82	50	83	52	76	52	83	58	85	54	85	60	93	60	88	59	90	64	89	58	92
12....	78	60	75	54	73	52	77	57	71	50	82	55	72	55	80	58	72	57	84	64	81	59	85	65	93	64	80	60	90
13....	94	58	91	57	87	50	88	51	86	49	83	52	89	57	87	53	89	48	86	54	96	56	90	54	94	60	92	56	95
14....	64	51	73	47	72	50	77	46	81	50	73	55	63	45	72	55	79	34	80	55	85	54	84	63	86	55	81	46	87
15....	82	44	79	43	78	32	76	39	76	34	70	36	77	42	73	41	77	36	72	41	80	49	75	41	76	46	78	42	87
16....	72	56	77	5																									

TABLE 3.—*Maximum and minimum temperatures at selected stations for July, 1912. District No. 6—Continued.*

Date.	South Dakota.				Colorado.				Nebraska.																				
	Sioux Falls. §§		Water-town. §§		Yankton.		Denver.		Wray.		Alma.		Bridge-port.		Grand Island. §§		Hay Springs.		Hebron.		Lincoln.		North Platte.		Oakdale.		Omaha.		
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	
1.....	90	64	87	61	89	68	77	53	87	65	87	62	83	55	90	65	85	56	89	64	84	60	89	63	88	68			
2.....	87	64	82	63	85	68	87	53	85	63	87	62	85	55	88	60	81	56	88	62	91	66	84	60	89	65	88	68	
3.....	96	60	85	59	94	63	79	51	86	61	87	61	84	56	92	62	80	58	92	63	96	68	90	62	95	64	93	70	
4.....	89	65	87	62	95	69	65	50	81	59	87	68	80	49	94	72	80	52	94	75	99	77	81	62	97	71	96	76	
5.....	88	65	80	62	94	69	77	46	85	55	80	62	82	51	87	70	75	54	86	71	91	75	79	55	87	64	92	74	
6.....	94	65	81	62	93	67	84	52	87	53	89	55	90	58	96	61	85	54	93	61	94	68	90	56	95	58	91	70	
7.....	98	68	89	65	96	65	86	58	94	65	93	60	82	57	98	74	82	58	94	63	98	67	95	68	97	67	94	71	
8.....	87	58	84	62	99	63	92	60	98	64	97	60	104	72	88	58	100	74	102	77	99	65	101	67	99	75	95		
9.....	80	62	77	61	86	64	78	59	99	61	95	72	95	74	104	74	104	66	85	62	86	64	101	69	95	75	95		
10....	80	55	80	50	80	58	85	53	86	60	87	60	80	54	90	59	83	52	88	64	83	62	87	57	84	53	80	64	
11....	84	60	83	54	89	64	90	61	99	64	98	61	94	57	97	64	91	55	94	62	85	64	98	65	83	58	85	66	
12....	87	65	80	60	85	69	82	58	93	63	101	65	91	54	92	67	78	56	101	70	98	69	88	61	85	67	98	72	
13....	88	58	83	51	90	62	82	55	92	60	92	62	93	66	91	54	92	69	93	72	92	60	88	59	91	72	91	72	
14....	85	62	79	55	92	59	83	56	90	67	103	66	83	62	101	73	80	60	101	73	103	69	89	64	96	60	102	68	
15....	73	44	69	38	71	46	72	57	75	67	80	54	73	48	73	53	77	36	73	58	70	56	75	51	73	48	72	56	
16....	85	47	82	41	88	57	86	55	92	62	88	60	86	55	91	49	86	50	88	50	88	52	87	46	84	56	84	66	
17....	75	53	72	48	73	61	67	56	84	62	88	60	86	58	83	65	72	52	92	63	86	65	80	60	77	60	84	66	
18....	75	55	73	55	75	58	63	51	77	54	78	55	66	55	77	57	63	50	78	60	77	60	67	51	76	57	78	62	
19....	58	55	59	68	55	83	55	94	59	90	55	90	59	90	59	90	59	83	58	90	60	92	61	93	60	80	55	84	61
20....	68	53	64	55	68	59	86	60	88	67	90	55	82	57	84	68	75	60	97	73	93	67	85	65	73	60	83	68	
21....	75	58	78	54	79	62	92	61	89	62	89	65	92	59	90	64	90	54	96	64	81	65	87	58	80	61	79	63	
22....	89	52	85	59	90	66	85	62	95	65	97	68	92	65	98	66	92	65	97	66	98	66	93	69	91	65	92	64	
23....	93	64	89	62	96	78	88	62	97	68	101	75	88	64	104	76	86	63	101	77	102	77	95	74	98	75	101	76	
24....	87	69	85	61	90	67	84	61	92	68	94	68	90	57	91	74	90	54	95	71	91	72	90	67	89	65	87	75	
25....	87	62	84	60	87	61	77	58	84	68	85	60	83	71	85	60	83	68	85	66	85	67	87	58	90	60	87	70	
26....	82	61	84	58	77	69	88	61	87	66	94	65	92	66	84	65	83	63	86	68	82	64	73	65	82	71	87	71	
27....	72	65	84	60	82	67	82	62	90	67	95	64	82	63	98	66	88	63	95	67	99	70	92	62	86	64	91	67	
28....	82	59	78	62	82	65	85	57	88	61	94	62	90	56	86	76	88	58	94	72	90	73	88	67	85	63	87	71	
29....	86	58	86	53	86	60	87	60	89	53	93	58	93	59	94	58	94	61	91	60	91	61	92	63	87	56	86	66	
30....	80	58	80	52	80	63	78	60	82	59	88	65	80	59	82	68	81	59	90	69	84	67	81	63	81	60	82	70	
31....	80	59	70	54	85	61	76	57	75	62	78	61	78	58	87	60	84	56	83	61	90	61	78	61	87	55	87	64	
Mns..	83.2	59.5	80.0	56.5	85.0	63.3	81.5	56.9	88.1	62.3	90.6	61.9	86.2	57.4	90.7	65.6	83.2	56.1	91.7	66.1	91.2	66.8	86.5	61.6	86.5	61.1	88.6	(8.0)	
	Nebraska.				Iowa.				Kansas.												Missouri.								
Date.	Valentine.		Clarinda. §§		Sibley. §§		Sioux City.		Colby.		Concordia.		Salina.		Topeka.		Wakeeney.		Columbia.		Kansas City.		St. Louis.		Unionville. §§				
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	
	84	63	89	62	84	61	86	68	82	63	87	64	86	68	86	64	85	63	83	65	83	66	81	68	90	61	86	62	
1.....	83	60	90	64	83	63	87	68	85	55	93	63	88	65	88	66	94	59	94	63	85	68	82	69	86	62	90	65	
2.....	86	59	95	66	89	61	93	70	89	60	92	66	94	64	91	65	91	61	81	67	89	66	82	69	90	65	95	65	
3.....	76	61	99	66	91	62	94	76	85	62	93	75	92	74	91	73	89	70	91	71	97	74	91	69	94	66	96	66	
4.....	79	56	96	67	89	69	91	73	80	54	84	67	85	69	91	67	82	62	91	71	97	74	91	69	95	70	95	70	
5.....	92	58	91	63	89	66	91	70	89	57	92	63	86	61	87	65	91	59	88	69	87	69	90	73	93	62	96	66	
6.....	92	58	91	63	89	66	91	70	89	57	92	63	86	61	87	65	91	59	88	69	87	69	90	73	93	62	96	66	
7.....	92	68	97	61	94	62	93	69	96	66	94	68	98	68	90	67	96	59	98	69	90	73	93	73	95	64	96	64	
8.....	92	66	98	65	85	62	96	62	104	74	99	74	94	72	100	70	91	71	93	73	90	73	93	73	95	75	96	64	96
9.....	79	55	100	69	87	62	90	68	88	62	103	75	103	77	96	75	97	71	94	73	94	74	90	74	98	70	100	70	
10....	80	53	87	65	78	53	80	59	86	62	88	66	82	66	87	72	95	66	91	71	90	69	89	75	86	64	98	70	
11....	92	60																											